



INVEST IN THE FUTURE

# CHARGE



CHARGERS - BATTERY SUPPORT UNITS - BOOSTERS - STARTERS  
TESTERS - PORTABLE ENERGY - JUMPER CABLES - EV CHARGING - ACCESSORIES

2026

# A solid manufacturing group

900 people

C1+  
Credit Rating  
Banque de France

€ 140 000 000

55 000 m<sup>2</sup>  
2 factories



FRENCH MANUFACTURER  
SINCE 1964

# A family company



Nicolas & Bruno  
Bouygues



# Global coverage

125 countries

# 5 catalogues

3 500+ references



- MMA/SMAW
- TIG/GTAW
- MIG-MAG/GMAW-FCAW
- Plasma cutting
- Stud welding
- Spot welding
- Accessories
- Protection
- Consumables



- Spot welding
- Dent pulling
- MIG-MAG/GMAW-FCAW
- Plasma cutting
- Induction heating
- Riveting
- Lifting
- Bodyshop tools



- Chargers
- Battery support units
- Boosters
- Starters
- Testers
- Portable energy
- Jumper cables
- EV charging
- Accessories



- Releasing
- Shrink-fitting
- Stripping
- Straightening
- Dent removal
- Bending
- Brazing



- MMA/SMAW
- TIG/GTAW
- MIG-MAG/GMAW-FCAW
- Plasma cutting
- Charge



**GYS FRANCE - HEADQUARTERS**  
Laval

**GYS LOGISTICS CENTER**  
Laval



**GYS GERMANY**  
Aachen



**GYS U.K.**  
Rugby



**GYS CHINA**  
Shanghai



**GYS ITALIA**  
Venezia



**GYS IBERICA**  
Madrid

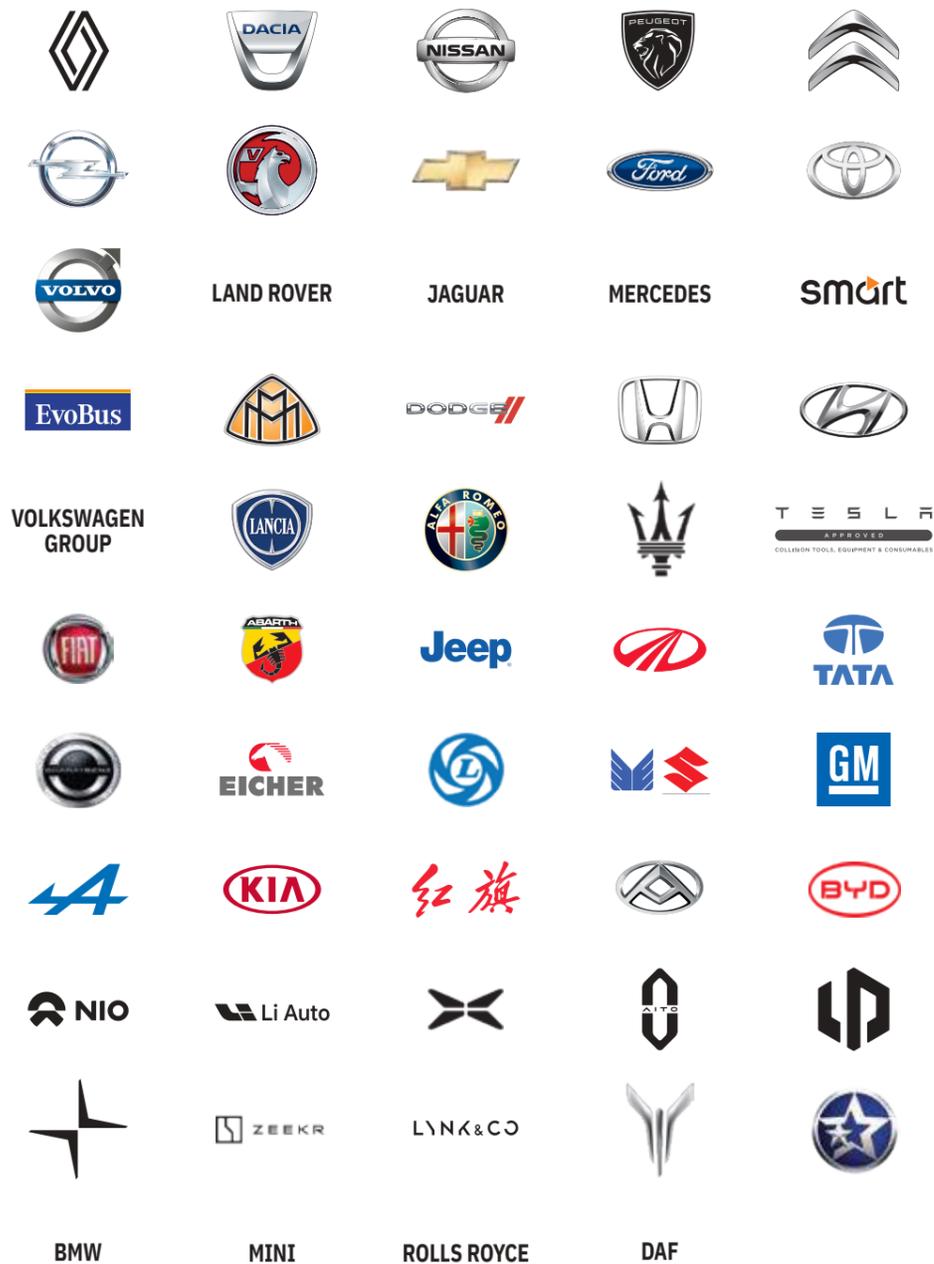
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★★★★★ **THEY TRUST US** ★★★★★

ILS NOUS FONT CONFIANCE



# CHARGERS & BATTERY SUPPORT UNITS

6 - 12 - 16 - 24 - 36 - 48 V

### CHARGERS - GYSFLASH

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# CHARGERS Pb

**BEST SELLER**



## GYSFLASH TECHNOLOGY



**SSM**  
Save and load settings. Automatic restart in case of power cut.  
Mémorisation des réglages. Redémarrage automatique en cas de coupure électrique.  
Einstellungsspeicherung. Automatisches Starten nach einem Netzausfall.



**Start/stop Engine**  
Compatible with Start/Stop vehicles.  
Compatible véhicules Start/Stop.  
Geeignet für START-STOP- Fahrzeuge.



**Can Bus ready**: compatible with Can Bus Technology, the Gysflash can be connected to the motorcycle 12V socket (cable is optional).

Can bus ready : compatible avec la technologie Can Bus, le Gysflash se branche directement sur la prise 12 V de la moto (câble en option).

**Can-Bus Ready**: Mit der Can-Bus Technologie kompatibel. Das GYSFLASH wird direkt an den 12V-Anschluss des Motorrads angeschlossen (Kabel optional).



**Auto Recovery** : Recovers deeply discharged (min 2V) and/or sulfated batteries.

Auto Recovery : Récupération des éléments des batteries profondément déchargées (mini 2V) et/ou sulfatées.

**Auto Recovery**: Wiederherstellung der Zellen bei tiefentladenen bzw. sulfatierten Batterien (min. 2V).



**"Cold charge" mode**: performance-enhancing charging mode for cold or freezing weather conditions.

Mode "Cold charge": optimisation des performances en cas de temps froid ou de gel.

**-Cold Charge--Modus**: Leistungsoptimierung bei kaltem Wetter oder bei Frost.



Fitted with a highly sensitive sensor, Gysflash automatically adjusts the charge based on ambient temperature.

Équipé d'un capteur haute sensibilité, le Gysflash ajuste automatiquement les paramètres de charge en fonction de la température ambiante.

Ausgestattet mit einem hochempfindlichen Sensor stellt das GYSFLASH automatisch die Ladeparameter der Umgebungstemperatur entsprechend ein.



**Power supply mode**: Optimum floating charge, ideal for use during battery change to protect vehicle memory.  
Also for when the vehicle is not in use for extended periods or for demonstration use.

Source d'énergie : mode de maintien optimal de l'état de charge. Idéal pour les véhicules en hivernage, de démonstration, ou pour le remplacement de batterie.

Energiequelle: Aufrechterhaltung des Batteriezustands. Ideal für Saison-, Ausstellungsfahrzeuge oder bei Batteriewechsel.

### GYSFLASH 1.12

**1 A**



**F** FLASH Connector



029361  
UK: 029514

### GYSFLASH 4.12 & 4.12S

**0.8/4 A**



**F** FLASH Connector



4.12 029422 UK: 029521  
4.12S (110 V) 069190 072701 072817

### GYSFLASH 6.12

**0.8/6 A**



**F** FLASH Connector



029378  
UK: 029613

### GYSFLASH 8.12

**8 A**



029385  
UK: 029545

### GYSFLASH 12.12

**12 A**



**S** SAE Connector



029392  
UK: 029552

**110V**



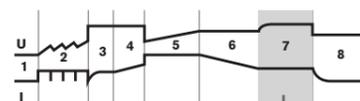
**GYSFLASH 4.12 S**  
**GYSFLASH 1.12 PL S**



## SMART CHARGE

7 STEP / 8 STEP

1. Status analysis
2. Recovery
3. Test desulphation
4. Desulphation
5. Fast charge 80%
6. Absorption
7. Refresh (for "8 step" only)
8. Floating 100%



**REFRESH 8 STEP**

Rebalancing the battery cells for greater (not available on all models).  
Rééquilibrage des cellules de la batterie pour plus de longévité (suivant modèle).  
Regenerierung der Batteriezellen für eine längere Lebensdauer (je nach Modell).

REGISTERED PATENT NUMBERS  
002280008 & 002279927  
EUROPEAN TRADEMARK & DESIGN

	50 / 60 Hz	Power	I <sub>charge</sub>	V <sub>Charge</sub>	Charge	Maintenance	Z <sub>z</sub>	Ondulation/Ripple	Charging curve	IP	Weight	Dimensions	Volume
<b>GYSFLASH 1.12</b>	220-240 V AC	18 W	1 A	12 V	2 > 32 Ah	2 > 100 Ah	<0.4 Ah/month	<150 mV Rms	IUoU	7 steps	0.44 kg	13 × 8 × 3.8 cm	30 × 15.5 × 6 / 0.6
<b>GYSFLASH 4.12</b> <b>GYSFLASH 4.12S</b>	220-240 V AC 100-127 V AC	70 W	0.8/4 A	12 V	1.2 > 90 Ah	1.2 > 130 Ah	<0.4 Ah/month	<150 mV Rms	IUoU	7 steps	0.69 kg	17 × 9 × 5.1 cm	34.5 × 17.9 × 36.2 / 0.89
<b>GYSFLASH 6.12</b>	220-240 V AC	90 W	0.8/6 A	12 V	1.2 > 125 Ah	1.2 > 170 Ah	<0.4 Ah/month	<150 mV Rms	IUoU	8 steps	0.77 kg	19 × 10 × 5.2 cm	36 × 19.5 × 7 / 1
<b>GYSFLASH 8.12</b>	220-240 V AC	130 W	8 A	12 V	15 > 160 Ah	15 > 240 Ah	<0.4 Ah/month	<150 mV Rms	IUoU	8 steps	0.85 kg	19 × 10 × 5.2 cm	36 × 19.5 × 7 / 1
<b>GYSFLASH 12.12</b>	220-240 V AC	195 W	12 A	12 V	20 > 250 Ah	20 > 330 Ah	<0.4 Ah/month	<100 mV Rms	IUoU	8 steps	1.1 kg	22.1 × 11.1 × 5.8 cm	36.4 × 20 × 6.8 / 1.3

DESIGN GYS FRANCE  
MADE IN GYS CHINA





# CHARGERS Pb



## HERITAGE • 6/12V

GYSFLASH 6 HERITAGE

0.8/6 A



029538

## 6/12/24V

GYSFLASH 6.24

0.8/6 A



029460  
029644

GYSFLASH 9.24

9 A



029477  
029651

## GYSFLASH TECHNOLOGY



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Start/stop Engine :  
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Compatible véhicules Start/Stop.  
Geeignet für START-STOP- Fahrzeuge.



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Auto Recovery : Récupération des éléments des batteries profondément déchargées (mini 2V) et/ou sulfatées.  
Auto Recovery: Wiederherstellung der Zellen bei tiefentladenen bzw. sulfatierten Batterien (min. 2V).

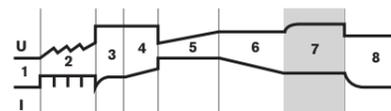


Fitted with a highly sensitive sensor, Gysflash automatically adjusts the charge based on ambient temperature.  
Équipé d'un capteur haute sensibilité, le Gysflash ajuste automatiquement les paramètres de charge en fonction de la température ambiante.  
Ausgestattet mit einem hochempfindlichen Sensor stellt das GYSFLASH automatisch die Ladeparameter der Umgebungstemperatur entsprechend ein.

## SMART CHARGE 7 STEP / 8 STEP / 8 STEP LiFePO4

Pb

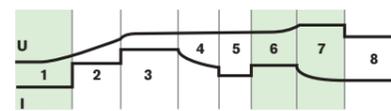
1. Status analysis
2. Recovery
3. Test desulphation
4. Desulphation
5. Fast charge 80%
6. Absorption
7. Refresh (for "8 step" only)
8. Floating 100%



Rebalancing of the battery cells for greater longevity (not available on all models).  
Rééquilibrage des cellules de la batterie pour plus de longévité (suivant modèle).  
Regenerierung der Batteriezellen für eine längere Lebensdauer (je nach Modell).

LiFePO4 (LFP)

1. UVP Wake up - Status analysis
2. Recovery
3. Fast charge 90%
4. Absorption 95%
5. Test
6. Completion
7. Equalization
8. Floating 100%



UVP Wake up (Under Voltage Protection) Battery reactivation when in UVP protection.  
Réactivation de la batterie en protection UVP. Reaktivierung der Batterie mit UVP-Schutz.

Equalizing Balancing System Balancing of the battery cells.  
Équilibrage des cellules. Ausgleich der Batteriezellen.



# CHARGERS LiFePO4



## 12V

GYSFLASH 1.12 Lithium

1 A



029675

GYSFLASH 6.12 Lithium

4/6 A



029729

Model	Voltage	Power	I charge	V	Charge	Maintenance	Zz	Ondulation/Ripple	Charging curve	Steps	IP	Weight	Dimensions (LxWxH)	Weight/kg	
															Dimensions (cm/kg)
GYSFLASH 6 HERITAGE	220-240 V AC	2m	90 W	0.8/6 A	6/12 V	1.2 > 125 Ah	1.2 > 170 Ah	<0.4 Ah/month	<150 mV Rms	IUoU	8 steps	IP 65	0.77 kg	19 x 10 x 5.2 cm / 1	36.5 x 19.4 x 7 cm / 1
GYSFLASH 6.24	220-240 V AC	2m	130 W	0.8/6 A	6/12 V	1.2 > 125 Ah	1.2 > 170 Ah	<0.4 Ah/month	<150 mV Rms	IUoU	7 step	IP 65	0.85 kg	19 x 10 x 5.2 cm / 1	36.5 x 19.5 x 7 cm / 1
				0.8/4 A	24 V	1.2 > 100 Ah	1.2 > 140 Ah								
GYSFLASH 9.24	220-240 V AC	2m	190 W	9 A	6/12 V	18 > 220 Ah	18 > 300 Ah	<0.4 Ah/month	<100 mV Rms	IUoU	8 step	IP 65	1.1 kg	22.1 x 11.1 x 5.8 cm	36.5 x 19.5 x 7 cm / 1.3
				6 A	24 V	15 > 125 Ah	15 > 170 Ah								



# CHARGERS Pb / LiFePO<sub>4</sub>



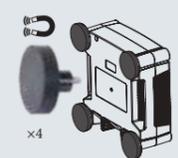
12V



12/24V

**OPTION**  
Gysflash 18.12 PL,  
30.12 PL, 20.12/24 PL,  
10.36/48 PL

**Magnetfix 20**  
026063



x4

### GYSFLASH 1.12 PL & 1.12 PL S

**1A**

GO > 7V SSM START STOP CAN BUS

7 STEP Pb 8 STEP LiFePO<sub>4</sub>




**1.12 PL**  
026902

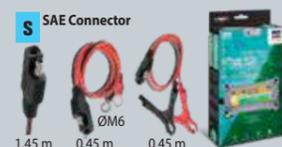
**1.12 PL S (110 V)**  
070851  
072794  
072824

### GYSFLASH 8.12 PL

**1/4 / 8A**

GO > 2V SSM START STOP CAN BUS

7 STEP Pb 8 STEP LiFePO<sub>4</sub>

069282

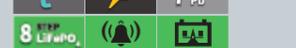
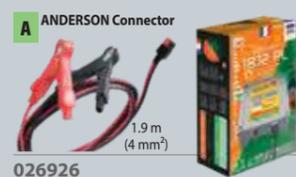
### GYSFLASH 18.12 PL

**7/12 / 18A**

GO > 2V

GO > 2V SSM START STOP

t° 7 STEP Pb 8 STEP LiFePO<sub>4</sub>

026926

### GYSFLASH 30.12 PL

**7/15 / 30 A**

GO > 2V SSM START STOP

t° 7 STEP Pb 8 STEP LiFePO<sub>4</sub>




029668  
026070

### GYSFLASH 20.12/24 PL

**7/15 / 20 A**

GO > 2V SSM START STOP

t° 7 STEP Pb 8 STEP LiFePO<sub>4</sub>




026049  
027558

DESIGN GYS FRANCE	MADE IN GYS CHINA	MADE IN FRANCE	50 / 60 Hz	Power	I <sub>charge</sub>	V	Charge	Maintenance	Zz	Ondulation/ Ripple	Charging curve	IP	Weight	Dimensions	Volume	
GYSFLASH 1.12 PL	GYSFLASH 1.12 PL S	GYSFLASH 8.12 PL	220-240 V AC	20 W	1 A	12 V	2 > 32 Ah (Pb) 0.5 > 20 Ah (LiFePO <sub>4</sub> )	2 > 100 Ah (Pb) 0.5 > 50 Ah (LiFePO <sub>4</sub> )	<0.4 Ah/month	<150 mV Rms	IUoU	7 step (Pb) 8 step (LiFePO <sub>4</sub> )	IP 65	0,69 kg	17 × 9 × 5,1 cm	33 × 17,5 × 6 / 0,8
GYSFLASH 8.12 PL	GYSFLASH 18.12 PL	GYSFLASH 30.12 PL	220-240 V AC	130 W	1/4/8 A	12 V	2 > 160 Ah (Pb) 1.2 > 160 Ah (LiFePO <sub>4</sub> )	2 > 240 Ah (Pb) 1.2 > 240 Ah (LiFePO <sub>4</sub> )	<0.4 Ah/month	<150 mV Rms	IUoU	7 step (Pb) 8 step (LiFePO <sub>4</sub> )	IP 65	0,85 kg	19 × 10 × 5,2 cm	—
GYSFLASH 18.12 PL	GYSFLASH 20.12/24 PL	GYSFLASH 20.12/24 PL	220-240 V AC	300 W	7/12/18 A	12 V	15 > 270 Ah (Pb) 7 > 270 Ah (LiFePO <sub>4</sub> )	15 > 270 Ah (Pb) 7 > 270 Ah (LiFePO <sub>4</sub> )	<0.5 Ah/month	<100 mV Rms	IUoU	7 step (Pb) 8 step (LiFePO <sub>4</sub> )	IP 31	1,55 kg	19 × 19 × 7,3 cm	30 × 22 × 9 / 1,9

DESIGN GYS FRANCE	MADE IN GYS CHINA	MADE IN FRANCE	50 / 60 Hz	Power	I <sub>charge</sub>	V	Charge	Maintenance	Zz	Ondulation/ Ripple	Charging curve	IP	Weight	Dimensions	Volume	
GYSFLASH 30.12 PL	GYSFLASH 20.12/24 PL	GYSFLASH 20.12/24 PL	220-240 V AC	500 W	7/15/30 A	12 V	15 > 375 Ah (Pb) 7 > 375 Ah (LiFePO <sub>4</sub> )	15 > 375 Ah (Pb) 7 > 375 Ah (LiFePO <sub>4</sub> )	<0.5 Ah/month	<150 mV Rms	IUoU	7 step (Pb) 8 step (LiFePO <sub>4</sub> )	IP 31	1,85 kg	19 × 19 × 7,3 cm	30 × 22 × 9 / 2,2
GYSFLASH 20.12/24 PL	GYSFLASH 20.12/24 PL	GYSFLASH 20.12/24 PL	220-240 V AC	500 W	7/15/20 A 7/15 A	12 V 24 V	15 > 300 Ah (Pb) 7 > 300 Ah (LiFePO <sub>4</sub> )	15 > 300 Ah (Pb) 7 > 300 Ah (LiFePO <sub>4</sub> )	<1 Ah/month	<150 mV Rms	IUoU	7 step (Pb) 8 step (LiFePO <sub>4</sub> )	IP 31	1,85 kg	19 × 19 × 7,3 cm	30 × 22 × 8,5 / 2,2

## GYSFLASH TECHNOLOGY

### SSM

Save and load settings. Automatic restart in case of power cut.

Mémorisation des réglages. Redémarrage automatique en cas de coupure électrique.

Einstellungsspeicherung. Automatisches Starten nach einem Netzausfall.

### START STOP

**Start/stop Engine :**  
Compatible with Start/Stop vehicles.  
Compatible véhicules Start/Stop.  
Geegnet für START-STOP- Fahrzeuge.

### Auto Recovery

**Auto Recovery :** Recovers deeply discharged (min 2V) and/or sulfated batteries.

**Auto Recovery :** Récupération des éléments des batteries profondément déchargées (mini 2V) et/ou sulfatées.

**Auto Recovery:** Wiederherstellung der Zellen bei tiefentladenen bzw. sulfatierten Batterien (min. 2V).

### t°

Fitted with a highly sensitive sensor, Gysflash automatically adjusts the charge based on ambient temperature.

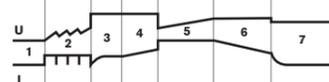
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Ausgestattet mit einem hochempfindlichen Sensor stellt das GYSFLASH automatisch die Ladeparameter der Umgebungstemperatur entsprechend ein.

## SMART CHARGE 7 / 8 STEP

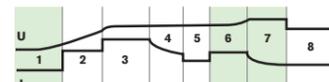
### Pb

1. Status analysis
2. Recovery
3. Test desulphation
4. Desulphation
5. Fast charge 80%
6. Absorption
7. Floating 100%



### LiFePO<sub>4</sub> (LFP) / Li-ion

1. UVP Wake up
2. Recovery
3. Fast charge 90%
4. Absorption 95%
5. Test
6. Completion
7. Equalization
8. Floating 100%



**UVP Wake up (Under Voltage Protection)**  
Battery reactivation when in UVP protection.  
Réactivation de la batterie en protection UVP.  
Reaktivierung der Batterie mit UVP-Schutz.

**Equalizing Balancing System**  
Balancing of the battery cells.  
Équilibrage des cellules.  
Ausgleich der Batteriezellen.

## GYSFLASH Pb / LITHIUM

# CHARGER Pb / LiFePO<sub>4</sub>

INTENSIVE



SC SMART COOLING TECHNOLOGY

100% DUST PROOF



SILENT

IP 23

INDOOR / OUTDOOR

12V

GYSFLASH 32.12 PL

7/15 / 30 A



2,5 m - 6 mm<sup>2</sup>  
027381

## GYSFLASH Pb

# CHARGER Pb

INTENSIVE



SHOCK RESISTANT

IP 65

INDOOR / OUTDOOR

12/24V

GYSFLASH 15.24 XTREM

15 A



5 m - 4 mm<sup>2</sup>  
025813

Double insulation

**ROBUST & SAFE**  
2 pts connection

included for Gysflash 15.24 XTREM 028760

### INCLUDED

**Fixing kit**  
for Gysflash 32.12 PL,  
15.24 XTREM



### OPTIONS

NATO CONNECTOR 026780



2 pts/NATO 5 m - 4 mm<sup>2</sup> 025837



2 pts/NATO Spiral 5 m 028968



2 pts/DIN 1490 Emergency vehicle 5 m 028777

MADE IN FRANCE	PATENTS REGISTERED NUMBERS 002280008 & 002279927 EUROPEAN TRADEMARK & DESIGN	50/60 Hz	Power	I <sub>charge</sub>	V	Charge	Maintenance	Zz	Ondulation/Ripple	Charging curve	IP	Weight	Dimensions	L x W x H cm / kg
	<b>GYSFLASH 32.12 PL</b>	230V	500W	7/15/30 A	12V	10 · 400 Ah	<0.5 Ah/month	<150 mV Rms	IUoU	IP 23	4,7 kg	8 × 25 × 20 cm	36 × 27,5 × 20,5 / 4,6	
	<b>GYSFLASH 15.24 XTREM</b>	230V	500W	7/10/15 A	12/24V	5 · 240 Ah	<1 Ah/month	<150 mV Rms	IUoU	IP 65	5,4 kg	7,5 × 25 × 21 cm	27 × 20 × 36 / 5,4	

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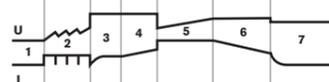
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## SMART CHARGE 7 STEP / 8 STEP LiFePO4

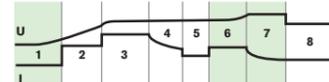
Pb

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2. Recovery
3. Test desulphation
4. Desulphation
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Ausgleich der Batteriezellen.



GYSFLASH Pb / LITHIUM

## ELECTRO MOBILITY CHARGERS

# Pb / Lithium

LiFePO<sub>4</sub> / Li-ion / Li-Po /  
NMC / LCO / MCO / NCA...



### 24 V • ELECTRICAL MOBILITY

GYSFLASH 6.24 PL

**6 A** GO > 2 V



### 48 • INDUSTRY / ELECTROMOBILITY

GYSFLASH 3.48 PL

**3 A**



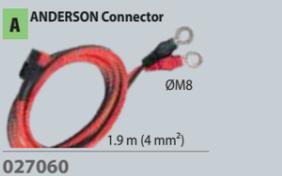
OPTION



### 36 / 48 • INDUSTRY / ELECTROMOBILITY

GYSFLASH 10.36/48 PL

**10 A**



DESIGN GYS FRANCE	PATENTS REGISTERED NUMBERS 002280008 & 002279927 EUROPEAN TRADEMARK & DESIGN	50 / 60 Hz	Power	I <sub>charge</sub>	V	n cell			Charge	Maintenance	Zz	Ondulation/Ripple	Charging curve	IP	Weight	Dimensions	L x W x H cm / kg	
						Pb	LFP	NMC										
MADE IN GYS CHINA	GYSFLASH 6.24 PL	220-240 V AC	2 m	190 W	6 A	24V	12	8	6	15 > 125 Ah (Pb) 2 > 125 Ah (Li)	15 > 170 Ah (Pb) 2 > 170 Ah (Li)	<0.4 Ah /month	<150 mV Rms	IUoU	7 step (Pb) 8 step (Li)	IP 65	1,1 kg	22.1 x 11.1 x 5.8 cm / 1.4
							12	15/16	13/14	6 > 60 Ah (Pb) 3 > 60 Ah (Li)	6 > 60 Ah (Pb) 3 > 60 Ah (Li)	<0.4 Ah /month	<150 mV Rms	IUoU	7 step (Pb) 8 step (Li)	IP 65	1,1 kg	22.1 x 11.1 x 5.8 cm / 1.2
MADE IN FRANCE	GYSFLASH 10.36/48 PL	220-240 V AC	2 m	500 W	10 A	36V	18	12	9	20 > 230 Ah (Pb) 10 > 230 Ah (Li)	20 > 230 Ah (Pb) 10 > 230 Ah (Li)	<0.4 Ah /month	<150 mV Rms	IUoU	7 step (Pb) 8 step (Li)	IP 31	1,85 kg	19 x 19 x 7.3 cm / 2
							24	15/16	13/14	15 > 160 Ah (Pb) 8 > 160 Ah (Li)	15 > 160 Ah (Pb) 8 > 160 Ah (Li)	<0.4 Ah /month	<150 mV Rms	IUoU	7 step (Pb) 8 step (Li)	IP 31	1,85 kg	19 x 19 x 7.3 cm / 2

## ELECTROMOBILITY

### MOBILITY



### OUTDOOR



### MEDICAL



15

GYSFLASH Pb / LITHIUM

ELECTROMOBILITY CHARGERS





# CHARGERS ON BOARD

**Pb** ✓ NMC / LCO / MCO / NCA...  
**Lithium** ✓ LiFePO4 / Li-ion / Li-Po



BROCHURE  
GYSFLASH  
18.12 PL-E



**INCLUDED**



Ø 5.5 mm

GYSFLASH 18.12 PL-E, 15.24 PL-E, 8.48 PL-E  
Fixing Kit

**OPEN & CONNECT**  
cables not included



4 pts connector included  
3G  
0.75 x 2.5 mm<sup>2</sup>

3 pts connector included  
max 2.5 mm<sup>2</sup> or  
AWG14

**PFC POWER FACTOR CORRECTION**

185 V ← 265 V



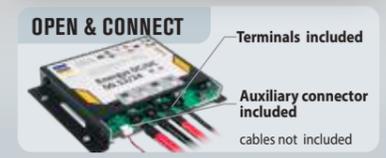
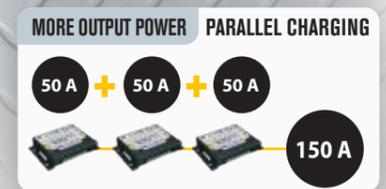
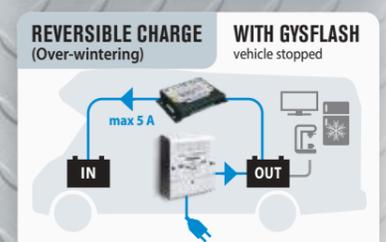
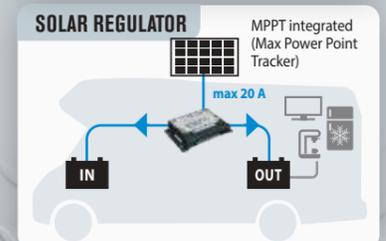
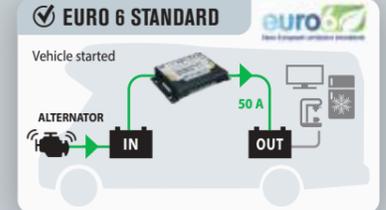

# DC · DC CONVERTER REVERSIBLE

**Pb** ✓ Liquid / Gel, AGM  
**Lithium** ✓ LiFePO4

✓ EURO 6 STANDARD  
E<sup>2</sup> E-MARK  
N° : E2\*10R06/03\*24163\*00



BROCHURE  
RV  
EQUIPMENT



7 cm  
GYSFLASH 18.12 PL-E  
8 cm  
GYSFLASH 30.12 PL-E  
GYSFLASH 15.24 PL-E  
GYSFLASH 8.48 PL-E

12V	24V	48V
GYSFLASH 18.12 PL-E	GYSFLASH 15.24 PL-E	GYSFLASH 8.48 PL-E
<b>18 A</b>	<b>15 A</b>	<b>8 A</b>
Pb / LFP 025806	Pb / Traction / LFP / Li-ion 025943	Pb / Traction / LFP / Li-ion 025950



**ENERGYS DC/DC 50.12 / 24**  
**50 A**  
072534

Bat. input		Bat. output		Solar input		EFFICIENCY	Zz	mm	g
U	I max	U	I max	U <sub>MPPT</sub>	I max				
12/24V	50A	12/24V	50A	9-30V	20A	98%	<2.5 mA	135 x 35 x 200	560

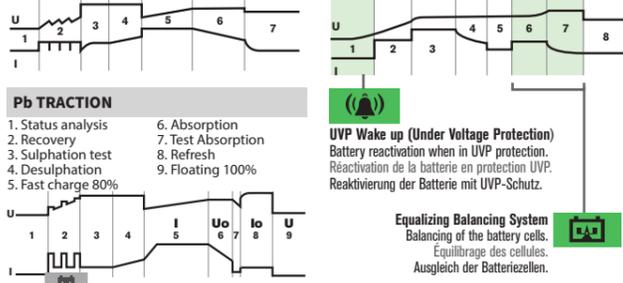
**SMART CHARGE**

**Pb**

- Status analysis
- Recovery
- Test desulphation
- Desulphation
- Fast charge 80%
- Absorption
- Floating 100%

**LiFePO<sub>4</sub> (LFP) / Li-ion**

- Status analysis
- Recovery
- Fast charge 90%
- Absorption 95%
- Test
- Completion
- Equalization
- Floating 100%



**Pb TRACTION**

- Status analysis
- Recovery
- Sulphation test
- Desulphation
- Fast charge 80%
- Absorption
- Test Absorption
- Refresh
- Floating 100%

**UVP Wake up (Under Voltage Protection)**  
Battery reactivation when in UVP protection.  
Réactivation de la batterie en protection UVP.  
Reaktivierung der Batterie mit UVP-Schutz.

**Equalizing Balancing System**  
Balancing of the battery cells.  
Équilibrage des cellules.  
Ausgleich der Batteriezellen.

**GYSFLASH PL-E TECHNOLOGIES**

**SSM** Save and load settings. Automatic restart in the event of a power cut.  
Mémorisation des réglages. Redémarrage automatique en cas de coupure électrique.  
Einstellungsspeicherung. Automatisches Starten nach einem Netzausfall.

**Auto Recovery** : Recovers deeply discharged (min 2V) and/or sulfated batteries.  
Auto Recovery : Récupération des éléments des batteries profondément déchargées (mini 2V) et/ou sulfatées.  
Auto Recovery: Wiederherstellung der Zellen bei tiefentladenen bzw. sulfatierten Batterien (min. 2V).

**SPECIAL PROJECT - CONTACT US**

Contact us for special projects. Quick customization : CAN BUS / CAN Open / J1939 / NMEA 2000 / RS485 / SM BVS / Automation / Relays...

**SC SMART COOLING TECHNOLOGY**

**100% DUST PROOF**

**SILENT**

**ALU RUST PROTECTION**

**ULTRA LIGHTWEIGHT**

**VIBRATION & SHOCK RESISTANT**

**-25 / +60°C**

**HIGH EFFICIENCY** Up to 15% Energy Saving  
**93%**

**EMC class B**



**Battery monitor** - Moniteur de batterie - Schlagzeugmonitor - Monitor de batería - Monitoraggio della batteria - Monitor baterii

12/24/36/48 V

⚙ **Data analysis** : Charge/discharge current (0-500A), Voltage (V), Temperature (°C), Input/output power (W), Remaining capacity (Ah)

🛡 **Security detection** : Overvoltage/ Undervoltage, Overcurrent, Overheating

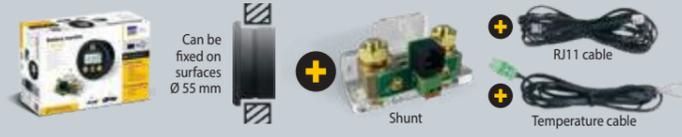
082557



**Battery coupler** - Coupleur de batteries - Acoplador de batería - Batteriekoppler - Innesso batteria - Separator akumulatora

12 V - 140 A  
Pb battery only  
Euro 6 not compatible

082564



**Solar panel**

monocrystalline ETFE quality 18V 100 W max

OUTPUT  
USB 1 : 5V/3A  
USB 2 : 5V/3A; 9V/2A; 12V/1.5A  
Type C : 5V/3A; 9V/2A; 12V/1.5A  
Jack : 18V/5.6A max compatible with Energys DC/DC 50.12/24

079410



MADE IN FRANCE	50 / 60 Hz	START MINI	I max	25°C @ 100%				40°C @ 100%				50°C @ 100%				60°C @ 100%				Zz	Ondulation/ Ripple	IP	g	mm	L x W x H cm / kg
				Pb	LFP	Pb	LFP	Pb	LFP	Pb	LFP	Pb	LFP	Pb	LFP										
GYSFLASH 18.12 PL-E	230V	12V	300W	2V	18A	18A	16A	14A	12.5A	36 > 270 Ah	18 > 270 Ah	<0.4 Ah /month	<0.4 Ah /month	<0.4 Ah /month	<0.4 Ah /month	<150 mV Rms	20	1.3 kg	21.5 x 17.5 x 7 cm	30 x 27 x 13 / 1.7					
GYSFLASH 30.12 PL-E	230V	12V	500W	2V	30A	30A	27A	23A	18A	60 > 400 Ah	30 > 400 Ah	<0.4 Ah /month	<0.4 Ah /month	<0.4 Ah /month	<150 mV Rms	20	1.6 kg	21.5 x 8 x 17.5 cm	—						
GYSFLASH 15.24 PL-E	230V	24V	500W	2V	15A	15A	13.5A	11.5A	9A	30 > 240 Ah	15 > 240 Ah	<0.4 Ah /month	<0.4 Ah /month	<0.4 Ah /month	<150 mV Rms	20	1.6 kg	21.5 x 8 x 17.5 cm	29 x 13 x 27 / 2						
GYSFLASH 8.48 PL-E	230V	48V	500W	2V	8A	8A	6A	4.5A	3.5A	15 > 160 Ah	8 > 160 Ah	<0.4 Ah /month	<0.4 Ah /month	<0.4 Ah /month	<150 mV Rms	20	1.6 kg	21.5 x 8 x 17.5 cm	—						



BSU

# BATTERY SUPPORT UNITS

Battery support for:

- ✓ Diagnostics
- ✓ ECU programming
- ✓ ADAS recalibration



NEW DESIGN 2026



OLD DESIGN



22 languages

- GB DK CZ
- FR FI PL
- DE TR SK
- NL HR UA
- ES GR
- PT HU
- IT CN simplified
- RU CN traditional
- SE JP

PFC POWER FACTOR CORRECTION

FV FLEXIBLE VOLTAGE

85 V ← 265 V



YouTube PLAYLIST GYSFLASH PRO

✓ SHOWROOM



10.5 cm



NEW DESIGN 02 / 2026



NEW DESIGN 02 / 2026



NEW DESIGN 02 / 2026



NEW DESIGN 02 / 2026



NEW DESIGN 02 / 2026



NEW DESIGN 01 / 2026

## 12 V

GYSFLASH 30.12

30 A

PFC SC

2,5 m - 6 mm<sup>2</sup>  
029224



GYSFLASH 50.12 FV

50 A

PFC FV SC

2,5 m - 10 mm<sup>2</sup>  
026056



GYSFLASH 100.12

100 A

PFC SC

2,5 m - 16 mm<sup>2</sup>  
029071



5 m - 16 mm<sup>2</sup>  
029415  
029002  
082304

## 6 / 12 / 24 V

GYSFLASH 30.24

30 A

PFC SC

2,5 m - 6 mm<sup>2</sup>  
029231



GYSFLASH 50.24

50 A

PFC SC

2,5 m - 10 mm<sup>2</sup>  
029095  
5 m - 10 mm<sup>2</sup>  
029620



## 12 V

GYSFLASH 102.12

100 A

PFC SC

5 m - 16 mm<sup>2</sup>  
029606  
082311



INCLUDED

Fixing kit for Gysflash 102.12



SC SMART COOLING TECHNOLOGY

100% DUST PROOF

SILENT

SMART PB & LiFePO4

Pb : 8-step

- Status analysis
- Recovery
- Sulphation test
- Desulphation
- Fast charge 80%
- Absorption
- Refresh
- Floating 100%

LiFePO4: 7-step

- Status analysis
- Recovery
- Fast charge 90%
- Absorption 95%
- Completion
- Equalization
- Floating 100%

CHARGE

Pb AUTOMOTIVE

- ✓ GEL
- ✓ AGM
- ✓ LIQUID
- ✓ EASY
- ✓ EXPERT

Pb TRACTION

- ✓ GEL
- ✓ LIQUID

LITHIUM READY

- ✓ LFP/LiFePO<sub>4</sub>

BSU

DIAG +

SHOWROOM

CHANGE BATTERY

POWER SUPPLY

U2 ADJUSTABLE

U2 & I2 max ADJUSTABLE

MADE IN FRANCE

	50 / 60 Hz	I max	25°C @100%	40°C @100%	START MINI	IP	TRACTION BATTERIES	L	mm <sup>2</sup>	SHOWROOM CONNECT	kg	mm	L x W x H cm / kg				
GYSFLASH 30.12	220 > 240V	540 W	2.5 m	12V	30 A	30 A	30 A	10 > 400 Ah	2V	21	—	2,5 m	6	0 M6	2.8 kg	25.5 x 10.5 x 23 cm	41.4 x 31.1 x 25 / 4.9
GYSFLASH 50.12 FV	100 > 240V	850 W	2.5 m	12V	50 A	50 A	40 A	10 > 600 Ah	2V	21	—	2,5 m	10	0 M6	4.4 kg	30 x 10.5 x 29.2 cm	41 x 39 x 22.5 / 6.5
GYSFLASH 100.12	220 > 240V	1600 W	2.5 m	12V	100 A	75 A	66 A	20 > 1200 Ah	2V	21	—	2,5 m 5 m	16	0 M6	4.7 kg	32 x 10.5 x 29.2 cm	41 x 39 x 22.5 / 7.2 41 x 39 x 22.5 / 8
GYSFLASH 30.24	220 > 240V	540 W	2.5 m	6V/12V 24V	30 A	30 A	30 A	10 > 400 Ah	2V	21	•	2,5 m	6	0 M6	2.8 kg	25.5 x 10.5 x 23 cm	41.4 x 31.1 x 25 / 4.9
GYSFLASH 50.24	220 > 240V	1600 W	2.5 m	6V/12V 24V	50 A	50 A	50 A	10 > 600 Ah	2V	21	•	2,5 m 5 m	10	0 M6	4.4 kg	30 x 10.5 x 29.2 cm	41 x 39 x 22.5 / 6.5 41 x 39 x 22.5 / 7.9
GYSFLASH 102.12	220 > 240V	1600 W	2.5 m	12V	100 A	75 A	66 A	20 > 1200 Ah	2V	21	—	5 m	16	0 M6	5.5 kg	34.4 x 29.1 x 12 cm	41 x 39 x 22.5 / 8.7



# BSU BATTERY SUPPORT UNITS

- Battery support for:
- ✓ Diagnostics
  - ✓ ECU programming
  - ✓ ADAS recalibration



**CNT**  
Connected Technology  
**FULLY CUSTOMIZABLE**  
p.34



**22 languages**

GB DK CN simplified  
FR FI CN traditional  
DE TR JP  
NL HR GR  
ES GR CZ PL SK UA  
PT PL SK UA  
RU SE HU  
SE HU

**FV FLEXIBLE VOLTAGE**  
85 V ← 265 V

**PFC POWER FACTOR CORRECTION**

**16 V** ✓  
**COMPATIBLE WITH 16V BATTERIES**

12 V (factory preset)  
16/24 V READY  
Use custom configuration tool (detail p.34)



**NEW DESIGN 02 / 2026**



✓ **SHOWROOM**

**10.5 cm**  
51.12 CNT  
101.12 CNT

**13 cm**  
121.12 CNT FV  
125.12 CNT FV  
101.24 CNT FV  
51.48 CNT FV

12 V		6 / 12 / 16 / 24 V		6 / 12 / 16 / 24 / 36 / 48 V	
<b>GYSFLASH 51.12 CNT FV</b>	<b>GYSFLASH 101.12 CNT FV</b>	<b>GYSFLASH 121.12 CNT FV</b>	<b>GYSFLASH 125.12 CNT FV</b>	<b>GYSFLASH 101.24 CNT FV</b>	<b>GYSFLASH 51.48 CNT FV</b>
<b>50 A</b>	<b>100 A</b>	<b>120 A</b>	<b>120 A</b> 120 A @ 100%	<b>100 A</b>	<b>50 A</b>
PFC FV SC CNT	PFC FV SC CNT	PFC FV CNT	PFC FV CNT	PFC FV CNT	PFC FV CNT
2,5 m - 10 mm <sup>2</sup> 068179	2,5 m - 16 mm <sup>2</sup> 025790 5 m - 16 mm <sup>2</sup> 026988	5 m - 25 mm <sup>2</sup> 026971 UK: 027756 US: 071605 AU: 082298	5 m - 25 mm <sup>2</sup> 028883 UK: 082274	5 m - 25 mm <sup>2</sup> 025967	5 m - 10 mm <sup>2</sup> 072015

**SC SMART COOLING TECHNOLOGY**

100% DUST PROOF

**SILENT**

**SMART 9 STEP**

**Pb**

- Status analysis
- Recovery
- Sulphation test
- Desulphation
- Fast charge 80%
- Absorption
- Test Absorption
- Refresh
- Floating 100%

**LiFePO<sub>4</sub>**

- Status analysis
- UVP Wake Up (Under Voltage Protection), Battery reactivation when in UVP protection
- Recovery
- Fast charge 90%
- Absorption 95%
- Test
- Completion
- Equalization
- Floating 100%

UVP Wake up (Under Voltage Protection), Battery reactivation when in UVP protection

Equalizing Balancing System 100% Perfect charge

**CHARGE (150 CURVE CAPACITY)**

**Pb AUTOMOTIVE**

- ✓ GEL
- ✓ AGM
- ✓ LIQUID
- ✓ EASY
- ✓ NORMAL
- ✓ BOOST
- ✓ RECOVERY+
- ✓ and more

**Pb TRACTION**

- ✓ GEL
- ✓ LIQUID
- ✓ and more

**LITHIUM**

- ✓ LFP/LiFePO<sub>4</sub>
- ✓ LI-ION STD
- ✓ LFP CELL+
- ✓ LI-ION CELL+
- ✓ and more

**BSU (10 CURVE CAPACITY)**

**DIAG +**

**SHOWROOM**

**CHANGE BATTERY**

**POWER SUPPLY**

**AND MORE**

**TEST**

- ✓ VOLTAGE
- ✓ START UP
- ✓ ALTERNATOR

**STARTER**

- ✓ START

**fn Connected Modules & Technology p.36**

MADE IN FRANCE

	50 / 60 Hz	I <sub>max</sub>	25°C @ 100%	40°C @ 100%	START MINI	IP	L	mm <sup>2</sup>	TRACTION BATTERIES	SHOWROOM CONNECT	Weight	L x W x H cm / kg
<b>GYSFLASH 51.12 CNT FV</b>	220 > 240 V 100 > 127 V	1600 W 800 W	12V 50 A 24V 25 A	230 V : 50 A 110 V : 40 A 230 V : 44 A 110 V : 25 A	230 V : 40 A 110 V : 27 A 230 V : 35 A 110 V : 22 A	1V	41	2,5 m	10	0 M6	4,6 kg	30 × 10,5 × 29,2 cm / 6,8
<b>GYSFLASH 101.12 CNT FV</b>	220 > 240 V 100 > 127 V	1600 W 800 W	12V 100 A	230 V : 100 A 110 V : 50 A	230 V : 75 A 110 V : 45 A	1V	21	2,5 m 5 m	16	0 M6	5,1 kg	32 × 10,5 × 29,2 cm / 7,5 41 × 39 × 22,5 cm / 8,6
<b>GYSFLASH 121.12 CNT FV</b>	220 > 240 V 100 > 127 V	2000 W 1500 W	12V 120 A	230 V : 120 A 110 V : 100 A	230 V : 110 A 110 V : 75 A	1V	20	5 m	25	0 M6	5,9 kg	32,5 × 13 × 27,2 cm / 10,4
<b>GYSFLASH 125.12 CNT FV</b>	220 > 240 V 100 > 127 V	2000 W 1500 W	12V 120 A	230 V : 120 A 110 V : 100 A	230 V : 116 A 110 V : 77 A	1V	40	5 m	25	0 M6	6,3 kg	33,4 × 13 × 28 cm / 10,8
<b>GYSFLASH 101.24 CNT FV</b>	220 > 240 V 100 > 127 V	3200 W 1500 W	6/12V 100 A 24V 50 A	110 V : 72 A 230 V : 89 A 230 V : 76 A 110 V : 50 A	110 V : 47 A 230 V : 68 A 230 V : 59 A 110 V : 35 A	1V	20	5 m	25	0 M6	6 kg	32,5 × 13 × 27,2 cm / 10,5
<b>GYSFLASH 51.48 CNT FV</b>	220 > 240 V 100 > 127 V	3200 W 1500 W	6/12/24V 50 A 36/48V 25 A	230 V : 49 A 110 V : 44 A 230 V : 45 A 110 V : 26 A	230 V : 39 A 110 V : 21 A 230 V : 35 A 110 V : 19 A	1V	20	5 m	10	0 M6	5,6 kg	32,5 × 13 × 27,2 cm / 9



# BSU BATTERY SUPPORT UNITS

- Battery support for:
- ✓ Diagnostics
  - ✓ ECU programming
  - ✓ ADAS recalibration



22 languages

- |    |    |    |    |    |    |    |                |
|----|----|----|----|----|----|----|----------------|
| GB | NL | IT | DK | HR | PL | UA | CN simplified  |
| FR | ES | RU | FI | GR | SK |    | CN traditional |
| DE | PT | SE | TR | CZ | HU |    | JP             |



NEW DESIGN 12 / 2025



NEW DESIGN 02 / 2026



NEW DESIGN 2026

OLD DESIGN



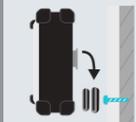
NEW DESIGN 04 / 2026



NEW DESIGN 01 / 2026

### INCLUDED

#### Fixing kit



### OPTIONS

#### Magnetfix 50



#### GYSFLASH PRO vertical wall mounting kit



**CNT**  
Connected Technology  
**FULLY CUSTOMIZABLE**  
p.34

PFC POWER FACTOR CORRECTION

16 V COMPATIBLE WITH 16V BATTERIES

FV FLEXIBLE VOLTAGE  
85 V ← 265 V  
10 V 230 V

## 12 V

GYSFLASH 103.12 CNT FV

100 A

PFC FV SC CNT

5 m - 16 mm<sup>2</sup>  
072008



GYSFLASH 123.12 CNT FV

120 A

PFC FV CNT

5 m - 25 mm<sup>2</sup>  
025677



## 6 / 12 / 16 / 24 V

GYSFLASH 53.24 CNT FV

50 A

PFC FV CNT SC 16 V

5 m - 10 mm<sup>2</sup>  
082540



GYSFLASH 103.24 CNT FV

100 A

PFC FV CNT 16 V

5 m - 25 mm<sup>2</sup>  
025684



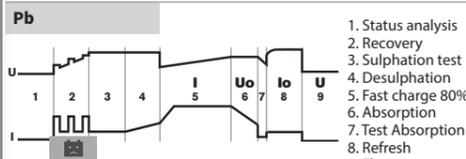
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SMART COOLING TECHNOLOGY

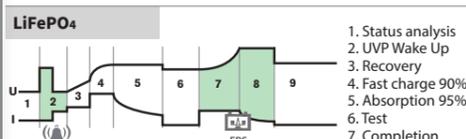
100% DUST PROOF

SILENT

### SMART 9 STEP



- Status analysis
- Recovery
- Sulphation test
- Desulphation
- Fast charge 80%
- Absorption
- Test Absorption
- Refresh
- Floating 100%



- Status analysis
- UVP Wake Up (Under Voltage Protection). Battery reactivation when in UVP protection
- Recovery
- Fast charge 90%
- Absorption 95%
- Test
- Completion
- Equalization
- Floating 100%

### CHARGE (150 CURVE CAPACITY)

- Pb AUTOMOTIVE**
- ✓ GEL
  - ✓ AGM
  - ✓ LIQUID
  - ✓ EASY
  - ✓ NORMAL BOOST RECOVERY+ and more

- Pb TRACTION**
- ✓ GEL
  - ✓ LIQUID
  - ✓ and more

- LITHIUM**
- ✓ LFP/LiFePO<sub>4</sub>
  - ✓ LI-ION STD
  - ✓ LFP CELL+
  - ✓ LI-ION CELL+ and more

### BSU (10 CURVE CAPACITY)

DIAG + U2 ADJUSTABLE

CHANGE BATTERY

POWER SUPPLY U2 & I2 max ADJUSTABLE

AND MORE

- ✓ TEST
- ✓ VOLTAGE
  - ✓ START UP
  - ✓ ALTERNATOR
- ✓ STARTER
- ✓ START

### CNT

Connected Modules & Technology p.36



MADE IN FRANCE

	50 / 60 Hz	I max	25°C @ 100%	40°C @ 100%	START MINI	IP	mm <sup>2</sup>	TRACTION BATTERIES	SHOWROOM CONNECT	kg	L x W x H cm / kg			
GYSFLASH 103.12 CNT FV	220 > 240V	1600 W	230 V : 100 A	230 V : 75 A	230 V : 66 A	1V	21	5 m	16	—	0 M6	5.8 kg	34.4 x 29.1 x 12 cm	41 x 39 x 22.5 / 9.2
	100 > 127V	800 W	110 V : 50 A	110 V : 50 A	110 V : 40 A	1V	21	5 m	16	—	0 M6	5.8 kg	34.4 x 29.1 x 12 cm	41 x 39 x 22.5 / 9.2
GYSFLASH 123.12 CNT FV	220 > 240V	2000 W	230 V : 120 A	230 V : 120 A	230 V : 120 A	1V	30	5 m	25	•	0 M6	6.4 kg	34 x 25.4 x 15 cm	41 x 39 x 22.5 / 11
	100 > 127V	1500 W	110 V : 100 A	110 V : 100 A	110 V : 85 A	1V	30	5 m	25	•	0 M6	6.4 kg	34 x 25.4 x 15 cm	41 x 39 x 22.5 / 11
GYSFLASH 53.24 CNT FV	220 > 240V	1600 W	230 V : 50 A	230 V : 50 A	230 V : 41 A	1V	21	5 m	10	•	0 M6	5.5 kg	34.4 x 29.1 x 12 cm	41 x 39 x 22.5 / 8.6
	100 > 127V	800 W	110 V : 25 A	110 V : 25 A	110 V : 22 A	1V	21	5 m	10	•	0 M6	5.5 kg	34.4 x 29.1 x 12 cm	41 x 39 x 22.5 / 8.6
GYSFLASH 103.24 CNT FV	220 > 240V	3200 W	230 V : 100 A	230 V : 95 A	230 V : 72 A	1V	30	5 m	25	•	0 M6	6.4 kg	34 x 25.4 x 15 cm	41 x 39 x 22.5 / 11
	100 > 127V	1500 W	110 V : 50 A	110 V : 50 A	110 V : 47 A	1V	30	5 m	25	•	0 M6	6.4 kg	34 x 25.4 x 15 cm	41 x 39 x 22.5 / 11



# BSU BATTERY SUPPORT UNITS

- Battery support for:
- ✓ Diagnostics
  - ✓ ECU programming
  - ✓ ADAS recalibration

**CNT**  
Connected Technology  
**FULLY CUSTOMIZABLE**  
p.34

- FV FLEXIBLE VOLTAGE**  
85 V ← 265 V
- PFC POWER FACTOR CORRECTION**
- 16 V COMPATIBLE WITH 16V BATTERIES**



- 19 languages**
- GB FI
  - FR TR
  - DE HR
  - NL GR
  - ES CZ
  - PT PL
  - HU SK
  - IT UA
  - RU
  - SE
  - DK



6 / 12 / 16 / 24V

GYSFLASH 107.24 CNT FV

100 A

- PFC
- FV
- CNT
- 16 V

5 m - 25 mm<sup>2</sup>  
082939



12V

GYSFLASH 157.12 CNT FV

150 A

- PFC
- FV
- CNT

089969



**INCLUDED**

- Fixing kit

**OPTIONS**

- Magnetfix 50 029637

**GYSFLASH PRO vertical wall mounting kit** 082694



- 22 languages**
- GB NL IT DK HR PL UA CN simplified
  - FR ES RU FI GR SK CN traditional
  - DE PT SE TR CZ HU JP



NEW DESIGN  
06 / 2026

6 / 12 / 16 / 24 / 36 / 48V

GYSFLASH 25.48 CNT FV

25 A

- PFC
- SC
- FV
- CNT
- 16 V

5 m - 10 mm<sup>2</sup>  
075962



old design



NEW DESIGN  
01 / 2026

GYSFLASH 53.48 CNT FV

50 A

- PFC
- FV
- CNT
- 16 V

5 m - 10 mm<sup>2</sup>  
025998



**SC**

**SMART COOLING TECHNOLOGY**

100% DUST PROOF

**SILENT**

**SMART 9 STEP**

**Pb**

- Status analysis
- Recovery
- Sulphation test
- Desulphation
- Fast charge 80%
- Absorption
- Test Absorption
- Refresh
- Floating 100%

**LiFePO<sub>4</sub>**

- Status analysis
- UVP Wake Up
- Recovery
- Fast charge 90%
- Absorption 95%
- Test
- Completion
- Equalization
- Floating 100%

UVP Wake up (Under Voltage Protection). Battery reactivation when in UVP protection

Equalizing Balancing System 100% Perfect charge

**CHARGE (150 CURVE CAPACITY)**

**Pb AUTOMOTIVE**

- ✓ GEL
- ✓ AGM
- ✓ LIQUID
- ✓ EASY
- ✓ NORMAL
- ✓ BOOST
- ✓ RECOVERY+
- ✓ and more

**Pb TRACTION**

- ✓ GEL
- ✓ LIQUID
- ✓ and more

**LITHIUM**

- ✓ LFP/LiFePO<sub>4</sub>
- ✓ LI-ION STD
- ✓ LFP CELL+
- ✓ LI-ION CELL+
- ✓ and more

**BSU (10 CURVE CAPACITY)**

**DIAG +**

U2 ADJUSTABLE

**CHANGE BATTERY**

**POWER SUPPLY**

U2 & I2 max ADJUSTABLE

**AND MORE**

**TEST**

- ✓ VOLTAGE
- ✓ START UP
- ✓ ALTERNATOR

**STARTER**

- ✓ START

**CNT**

**Connected Modules & Technology** p.36

MADE IN FRANCE

	50 / 60 Hz		I max	25°C @ 100%	40°C @ 100%	START MINI	IP	L	mm <sup>2</sup>	TRACTION BATTERIES	SHOWROOM CONNECT	Weight	L x W x H cm / kg			
GYSFLASH 107.24 CNT FV	220 > 240V	3200W	2.5m	6/12V	100 A	100 A	20 > 1200 Ah	1V	30	5 m	25	•	0 M6	6.4 kg	34 × 25.4 × 15 cm	41 × 39 × 22.5 / 11
	100 > 127V	1500W		24V	230V : 100 A 110V : 50 A	230V : 95 A 110V : 50 A										
GYSFLASH 157.12 CNT FV	220 > 240V	2500W	2.5m	12V	230V : 150 A 110V : 100 A	230V : 120 A 110V : 100 A	20 > 1800 Ah	1V	40	5 m	25	•	0 M6	ND	33.4 × 13 × 28 cm	41 × 39 × 22.5 / ND
	100 > 127V	1500W		230V : 120 A 110V : 100 A	230V : 116 A 110V : 77 A											
GYSFLASH 25.48 CNT FV	220 > 240V	1600W	2.5m	6/12/24V	25 A	230V : 24 A 110V : 19 A	10 > 300 Ah	1V	21	5 m	10	•	0 M6	5,5 kg	34.4 × 29.1 × 12 cm	41 × 39 × 22.5 / 8.8
	100 > 127V	800 W		36/48V	230V : 25 A 110V : 12 A	230V : 24 A 110V : 12 A										
GYSFLASH 53.48 CNT FV	220 > 240V	3200W	2.5m	6/12/24V	50 A	50 A	10 > 600 Ah	1V	30	5 m	10	•	0 M6	5,9 kg	34 × 25.4 × 15 cm	41 × 39 × 22.5 / 9.5
	100 > 127V	1500W		36/48V	230V : 50 A 110V : 25 A	230V : 48 A 110V : 26 A										



# BSU BATTERY SUPPORT UNIT & STARTER

CNT Connected Technology

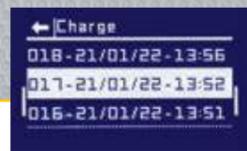
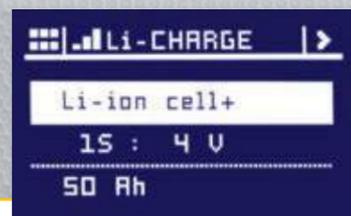
- Battery support for:
- ✓ Diagnostics
  - ✓ ECU programming
  - ✓ ADAS recalibration

### SPECIAL PROJECTS

Contact us for special projects.  
Quick Customization:  
Modes, Curves, parameters...

### 19 languages

- GB RU GR
- FR SE CZ
- DE DK PL
- NL FI SK
- ES TR UA
- PT HR
- IT HU



## 4 in 1

### AUTOMATIC CHARGE

#### Pb AUTOMOTIVE

- ✓ GEL
- ✓ AGM
- ✓ LIQUID
- ✓ EASY
- ✓ EXPERT
- ✓ NORMAL
- ✓ BOOST
- ✓ RECOVERY+

#### Pb TRACTION

- ✓ GEL
- ✓ LIQUID

#### LITHIUM READY

- ✓ LFP/LiFePO<sub>4</sub>
- ✓ LI-ION STD
- ✓ LFP CELL+
- ✓ LI-ION CELL+

### BSU

#### DIAG +



#### SHOWROOM



#### CHANGE BATTERY



#### POWER SUPPLY



### AUTOMATIC STARTER

✓ START

### TEST

- ✓ VOLTAGE
- ✓ START UP
- ✓ ALTERNATOR

- FULL PROTECTION**
- On-board electronics
  - Over voltage
  - No sparks

- UNIVERSAL MODE
- AUTO SELECTION
- SULFATED BATTERIES
- START STOP ALL BATTERIES
- GO >1V

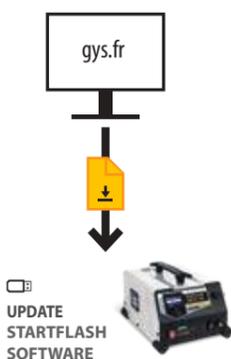
**PFC POWER FACTOR CORRECTION**  
185 V ← 265 V

**1 WORLD FIRST**  
Inverter Pb & Li All-in-one



### CNT Connected Technology

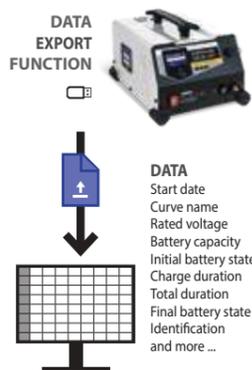
#### SOFTWARE UPDATE



#### CUSTOMIZATION



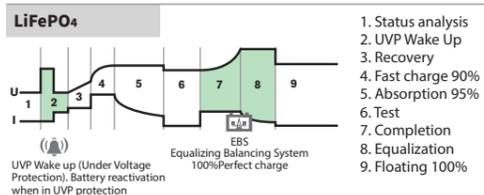
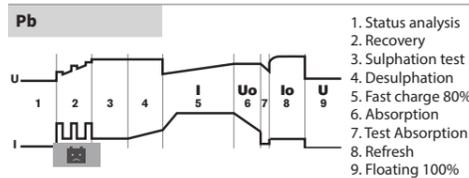
#### TRACEABILITY



Connected Modules & Technology p.36



### SMART 9 STEP



### OPTION

Trolley 074965



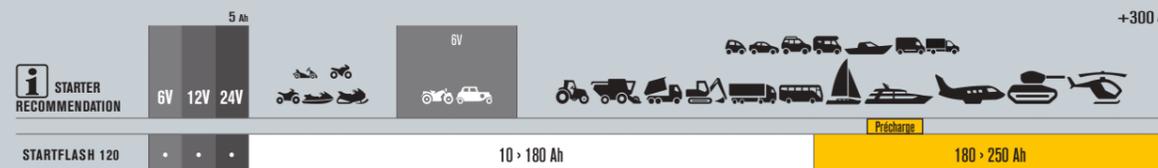
## 6/12/16/24V

### STARTFLASH 120.24 CNT

## 2, 300 A

5 m - 25 mm<sup>2</sup> 700 A

073616



MADE IN FRANCE	50 / 60 Hz	CHARGE	START MINI	CHARGE			TRACTION BATTERIES	START			IP	LxWxH cm / kg	LxWxH cm / kg		
				I max	25°C @100%	40°C @100%		1V/C	0V/C	AUTO START					
STARTFLASH 120.24 CNT	85 > 265 V	6/12/24V	3500W	2V	110V: 100A	75 A	55 A	•	6/12/24V	150 A	150 A	•	20	49 x 37.5 x 30.5 / 14	41.5 x 32.5 x 25.5 / 18.5
					230V: 120A	110 A	90 A		6V:	300 A	300 A				
									12V:	300 A	300 A				
								24V:	200 A	300 A					



BSU

# BATTERY SUPPORT UNITS

**CNT**  
Connected  
Technology



YouTube  
VIDEO  
EQUALIZE MODE

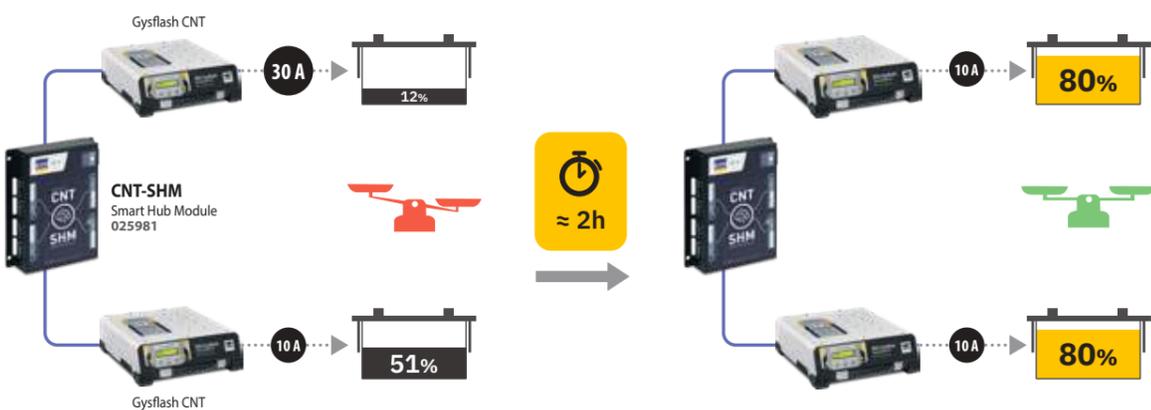
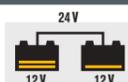


BROCHURE  
BATTERY  
BALANCING



## EQUALIZE MODE

### REBALANCE YOUR BATTERY PACK



## BENEFITS

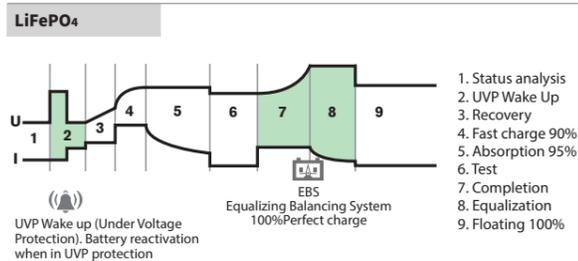
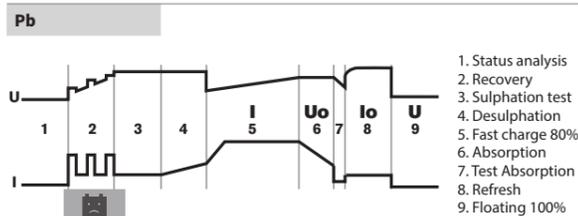
- Increased reliability
- Healthy batteries
- Waste reduction

## EQUALIZATION & BSU

Use all your BSU modes while balancing the batteries

- DIAG + U2 ADJUSTABLE
- SHOWROOM
- CHANGE BATTERY
- POWER SUPPLY U2 & I2 max ADJUSTABLE
- AND MORE

## SMART 9 STEP CHARGE



## GYSFLASH EQUALIZE PACKS



## EQUALIZE (2 × 12 V CHARGERS)



Gysflash 101.12 CNT FV  
026988  
12 V



Gysflash 101.12 CNT FV  
026988  
12 V



CNT SHM  
025981



SMC Cable (1m)  
056596



BSU Flash Plus  
085510

pack EQUALIZE 1  
085534

pack EQUALIZE 2  
085541

## EQUALIZE (2 × 24 V CHARGERS)



Gysflash 101.24 CNT FV  
025967  
24 V



Gysflash 101.24 CNT FV  
025967  
24 V



CNT SHM  
025981



SMC Cable (1m)  
056596



BSU Flash Plus  
085510

pack EQUALIZE 3  
085558

pack EQUALIZE 4  
085565

## CNT

Connected  
Modules  
& Accessories  
p.36





# BSU BATTERY SUPPORT UNITS

**CNT**  
Connected  
Technology  
**FULLY CUSTOMIZABLE**  
p.34

## CAR MANUFACTURING



YouTube

PLAYLIST  
CNT TECHNOLOGY

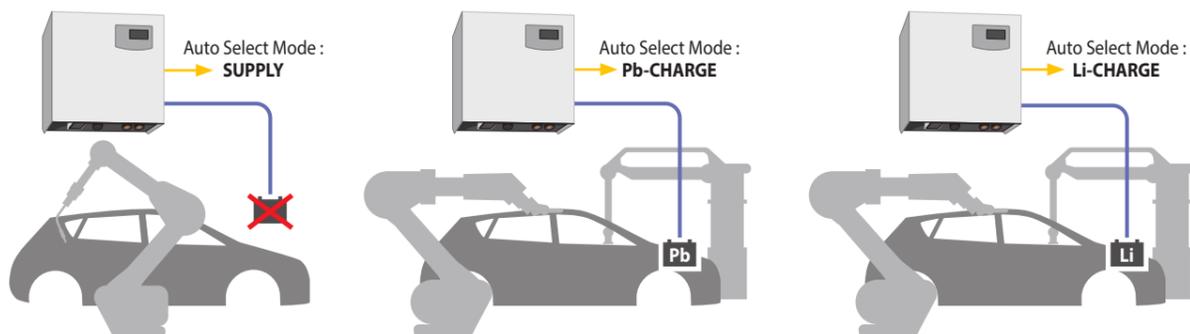
19 languages

- GB ES RU TR PL
- FR PT SE HR SK UA
- DE HU DK GR
- NL IT FI CZ



SPECIAL PROJECT - CONTACT US

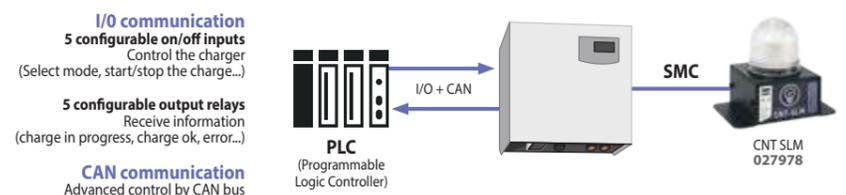
### AUTOMATIC BATTERY DETECTION & MODE SELECTION



### CONTROL VIA 1D/2D BARCODES



### ADVANCED AUTOMATION



### CHARGE (150 CURVE CAPACITY)

- Pb CHARGE**
- Li CHARGE**
- LEAD ACID and more
- LITHIUM and more

### SUPPLY (10 CURVE CAPACITY)

- EPS (External Power Supply)
- and more

### POWER-UP

- LITHIUM REACTIVATION MODE

### CONFIG DESIGNER MENU

Setting the charge curve from the Gysflash interface :

```

lead-acid n°001
U_esp 11.5 V
U_lade 14.8 V
I_lade 150.0 A
I_ehl 2.5 A
T_min 00:05:00
T_max 65:00:00
Q_max 250 Ah
T/Q_max error EHL
U_ehl 13.2 V
T_ges 250:00:00
U_low 5.0 V
  
```

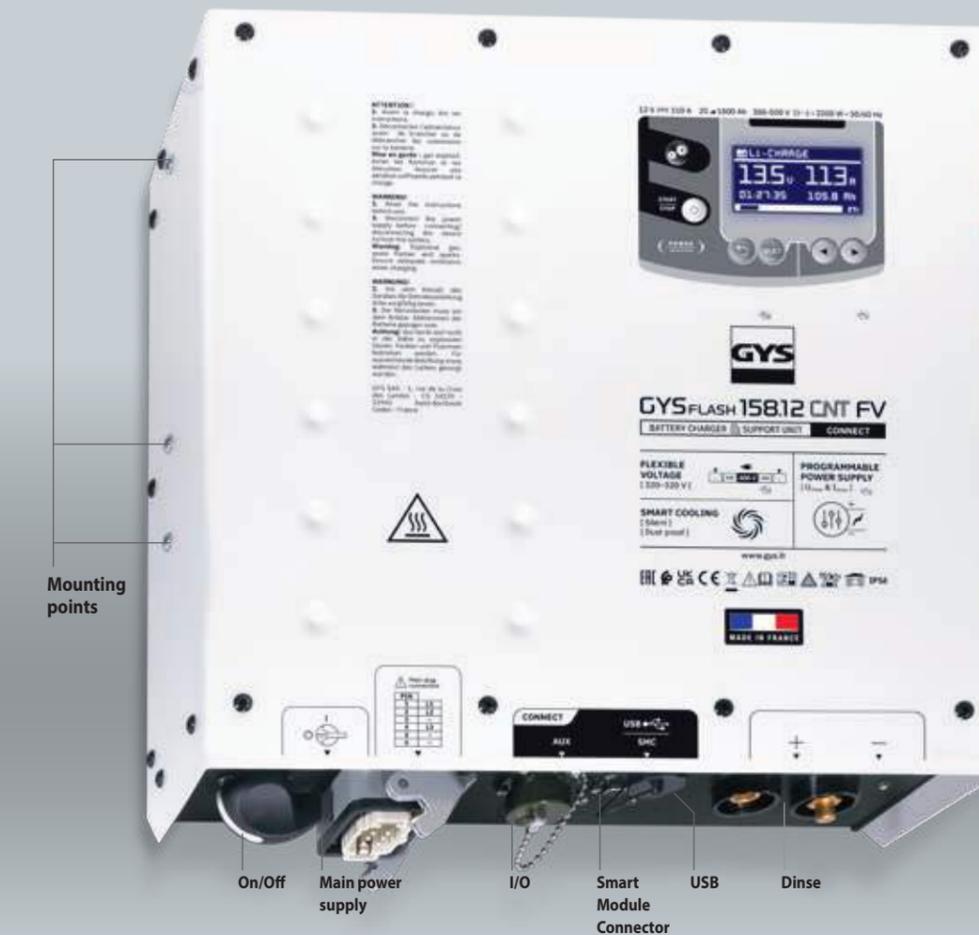
### SECURE ACCESS

- Customizable manual accesses
- Configurable password

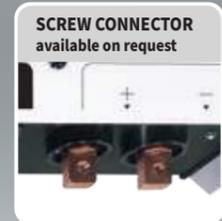
PFC POWER FACTOR CORRECTION

FV FLEXIBLE VOLTAGE  
85 V ← 265 V

FV FLEXIBLE VOLTAGE  
320V ← 520V



ACCESSORIES p.39



**12 V**

**GYSFLASH 108.12 CNT FV**  
**105 A** 1~  
PFC SC FV CNT  
no accessories  
085602

**GYSFLASH 148.12 CNT FV**  
**145 A** 1~  
PFC SC FV CNT  
no accessories  
069916

**GYSFLASH 158.12 CNT FV**  
**150 A** 3~  
SC FV CNT  
no accessories  
069909

MADE IN FRANCE	50 / 60 Hz		I max	25°C @100%				40°C @100%				60°C @100%				START MINI	IP	Weight	Dimensions
	220-240V	1800W		230V: 105 A	230V: 105 A	230V: 105 A	230V: 88 A	230V: 105 A	230V: 105 A	230V: 105 A	230V: 88 A	230V: 105 A	230V: 105 A	230V: 88 A	230V: 88 A				
<b>GYSFLASH 108.12 CNT FV</b>	220-240V	1800W	105 A	230V: 105 A	230V: 105 A	230V: 105 A	230V: 88 A	230V: 105 A	230V: 105 A	230V: 105 A	230V: 105 A	230V: 88 A	230V: 88 A	20 > 1200 Ah	1 V	54	9.4 kg	37.6 × 14.5 × 29.6 cm	
<b>GYSFLASH 148.12 CNT FV</b>	220-240V	2500W	145 A	230V: 145 A	230V: 134 A	230V: 116 A	230V: 88 A	230V: 145 A	230V: 134 A	230V: 116 A	230V: 88 A	230V: 88 A	230V: 88 A	20 > 1800 Ah	1 V	54	9.4 kg	37.6 × 14.5 × 29.6 cm	
<b>GYSFLASH 158.12 CNT FV</b>	380-500V	2500W	150 A	140 A	120 A	100 A	20 > 1800 Ah	1 V	54	10.3 kg	37.6 × 14.5 × 38 cm								



BSU

# BATTERY SUPPORT UNITS

**CNT**  
Connected  
Technology



USB key  
16 Gb  
062344

### SOFTWARE UPDATE

### LIFETIME EVOLUTIONS



### TRACEABILITY

### CHARGING DATA



### DESIGN YOUR CHARGING CURVE

### PRODUCT CONFIGURATIONS

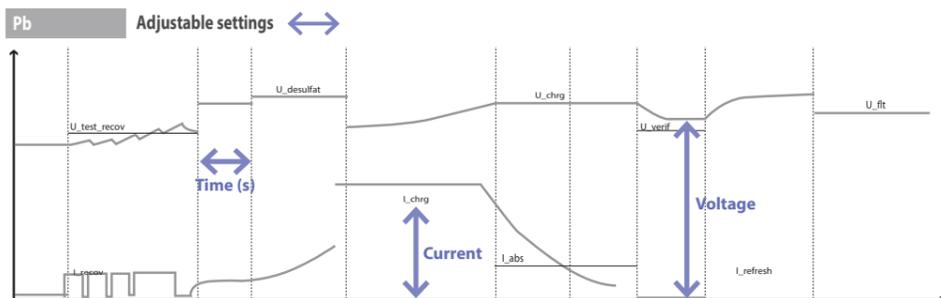
#### CNT MANAGER (gys.fr)

- GYSFLASH parameters
- Custom curves
- Multi-unit management
- Import/export configurations
- ...



Full customisation

#### Create your personalised configuration



#### Adjust your unit to best suit your application

	LEAD-ACID - PB	Lithium - LFP	Lithium - Li-ion std
<b>CELL VOLTAGE (20% - 100%)</b>	2.0V/cell – 2.15 V/cell	3.2V/cell – 3.6 V/cell	3.5 V/cell – 4.2 V/cell
<b>CHARGING VOLTAGE</b>	2.33 V/cell – 2.47 V/cell	3.6 V/cell	4.2 V/cell
<b>Gysflash xx.12 CNT</b>	1 S* – 6 S	1 S – 4 S	1 S – 3 S
<b>Gysflash xx.24 CNT</b>	1 S – 12 S	1 S – 8 S	1 S – 7 S
<b>Gysflash xx.48 CNT</b>	1 S – 24 S	1 S – 16 S	1 S – 14 S

\*S = Battery serial cells

#### Download one of our GYS configurations

Configuration file (gys.fr)	Applications	CHARGE MODE										POWER MODE					MISCELLANEOUS			
		Pb-CHARGE					LI-CHARGE			TRACTION		SHOWROOM	DIAG+	CHANGE BAT.	STARTER MODE	POWER SUPPLY	LI-SUPPLY/LFP	LI-SUPPLY/Li-ion	TESTER MODE	
		normal	AGM	liquid	Easy	Boost	Recovery + Ca / Ca recov	LFP/LiFePO4	Li-ion std	LFP cell+	Li-ion cell+									liquid
1_gys_original.gfc	Initial configuration of the charger	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2_car_extended.gfc	Extensive features for garages	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3_showroom_only.gfc	Simplified version for dealerships and demonstration vehicles											✓								
4_pro_lithium.gfc	Professional of lithium battery										✓	✓	✓	✓			✓	✓	✓	
5_traction.gfc	Forklift truck, electric pallet truck, stacker...																		✓	✓
6_full_version.gfc	Full version	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓



Contact us for special projects.

Quick Customization:  
Modes, Curves, parameters...

### MODULES

### MAXIMUM VERSATILITY

#### SINGLE MODULE



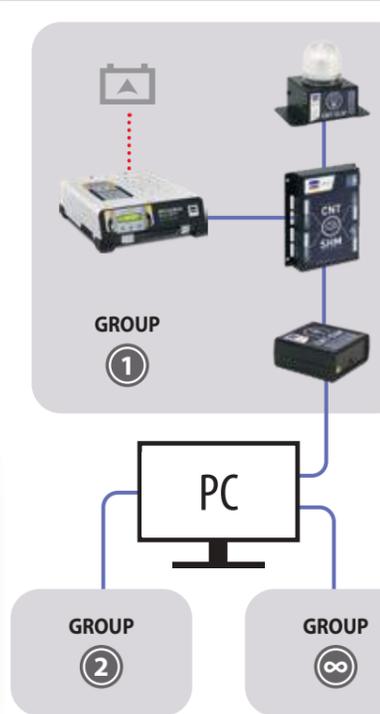
#### MULTI-MODULE



#### ADVANCED

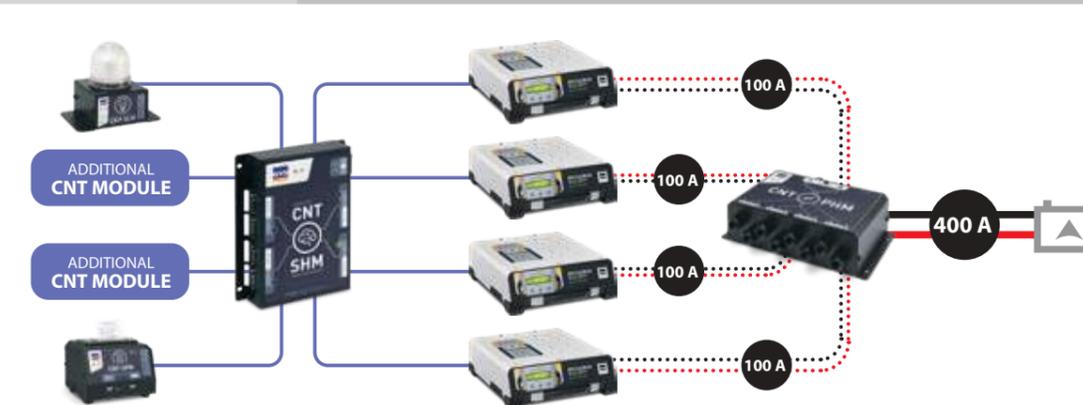


### MULTI-MODULE GROUPS



### PARALLEL CHARGING

EXAMPLE : GYSFLASH 101.12 CNT (X4)



### PORTABLE BSU



USAGE DURATION Power pack + Gysflash	GYSFLASH			
	30.12 30.24	50.12 51.12	100.12 / 102.12 101.12 / 103.12 50.24 / 53.24 25.48	121.12 123.12 125.12
<b>POWER PACK 620</b>	1 h 10	—	—	—
<b>POWER PACK 14.22</b>	3 h 10	1 h 50	1 h	45 min
<b>POWER PACK 14.15 FC</b>	3 h 10	1 h 50	1 h	—





# CNT TECHNOLOGY MODULES

CNT Connected Technology

## SMC CABLE

1 m 056596    3 m 025691



YouTube  
PLAYLIST  
CNT TECHNOLOGY

COMING SOON



## SCAN

CRIT'AIR



Customer data



Battery data



Charge data



### USB Barcode scanner

1D/2D

027718



USB direct connection



or



Wireless



or



Wireless



Wireless



Wireless



Wireless



Wireless



Wireless



Wireless



Wireless



Wireless



Wireless



Wireless



Wireless



Wireless



Wireless



Wireless



Wireless



Wireless



Wireless



Wireless



Wireless



Wireless



Wireless



Wireless



Wireless



Wireless



Wireless



Wireless



Wireless



Wireless



### Wireless Barcode reader

1D/2D

086869



Wireless



Wireless



Wireless



Wireless



Wireless



Wireless



Wireless



Wireless



Wireless



Wireless



Wireless



Wireless



Wireless



Wireless



Wireless



Wireless



Wireless



Wireless



Wireless



Wireless



Wireless



Wireless



Wireless



Wireless



Wireless



Wireless



Wireless



Wireless



Wireless



Wireless



Wireless



Wireless



Wireless

Download Brochure  
Télécharger la brochure



### OPTIONS

Barcode scanner support  
025745



## LIGHT & SOUND



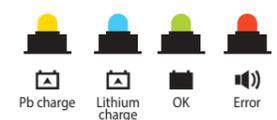
Scratch mounted

CNT-SLM  
Smart Light Module  
027978



65dB

↓ 12.6 × 14.6 × 9.3 cm / 560g  
↑ 23 × 17 × 13 cm / 840g



Pb charge    Lithium charge    OK    Error

### OPTIONS

SLM/SPM support  
028906



Included  
SMC Cable - 1 m  
056596



## PRINT



Magnetic mounting

CNT-SPM  
Smart Printer Module  
026919

↓ 14 × 10.5 × 13.3 cm / 1.4 kg  
↑ 23 × 17 × 13 cm / 1.9 kg

Included  
SMC Cable - 1 m  
056596



Standard roller x2  
57mm x 7.5 m, Ø 25 mm  
056633



Customizable receipt

### OPTIONS

SLM/SPM support  
028906



USB Keyboard  
AZERTY 027725  
QWERTY 027770

QWERTY compatibility

## BSU SMART COMMUNICATION



CNT-SUM  
Smart USB Module  
025974

USB micro A

↓ 6.9 × 6.8 × 2.9 cm / 85g  
↑ 28.5 × 11 × 11.5 cm / 380g

Computer /  
Diag System



Included  
SMC Cable - 1 m  
056596



Computer connection

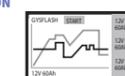


CNT-SWM  
Smart Wireless Module  
070837

Bluetooth LE    Wifi

↓ 6.9 × 6.8 × 2.9 cm / 85g  
↑ 27.6 × 9.6 × 9.6 cm / 440g

Computer /  
Diag System



Included  
SMC Cable - 1 m  
056596



## SMART HUB MODULE



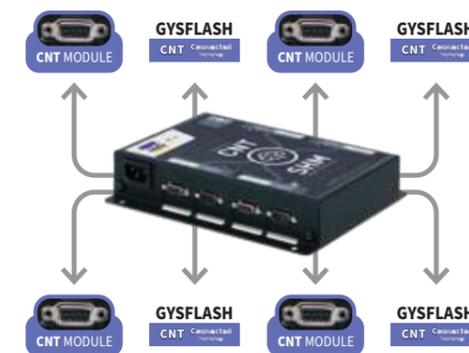
CNT-SHM  
Smart Hub Module  
025981

↓ 22 × 18 × 4.5 cm / 1 kg  
↑ 16.4 × 13.4 × 24 cm / 1.7 kg

Included  
SMC Cable  
1 m  
056596



UP TO 4 MODULES + 4 GYSFLASH



## POWER HUB MODULE



CNT-PHM  
Power Hub Module  
056589

↓ 31.7 × 24.5 × 9 cm / 2.7 kg  
↑ 32 × 29 × 13.5 cm / 3.2 kg

Included  
M6 KIT



4 GYSFLASH IN

Ø Cables: 10 → 25 mm<sup>2</sup>



OUT  
Ø Cables: 25 → 70 mm<sup>2</sup>



# SUPPORTS



**BSU Flash XL**  
028890

**Battery charging rack**  
Rack de charge  
Ladeständer  
079595



**Heavy-duty case**  
Valise de chantier  
Hartschalenkoffer  
060432



**ALL GYSFLASH**  
- COMPATIBILITY -  
Vertical & Horizontal

## TROLLEYS

**BSU Flash XL**  
028890



**BSU Flash Plus**  
085510



robust tyres

**OPTION Protective cover**  
062733



**OPTION Cable support**  
052284



## WALL SUPPORT

**Magnetfix 50**  
029637

✓ for vertical Gysflash



**GYSFLASH PRO vertical wall mounting kit**  
082694

✓ for vertical Gysflash



**Wall support**  
Tablette  
Wandhalterung  
055513

↳ 21 x 43 x 57 cm / 3.9 kg  
☞ 36 x 43 x 20 cm / 3.3 kg

✓ for horizontal Gysflash



# STANDARD ACCESSORIES

ANDERSON CABLES	for GYSFLASH	
	32.12 PL / 30.12 / 50.12 51.12 / 30.24 / 50.24 / 53.24 25.48 / 51.48 / 53.48	100.12 / 101.12 102.12 / 103.12
<b>Anderson / Clamps</b>		
2.5 m - 10 mm <sup>2</sup> 085800	✓	—
2.5 m - 16 mm <sup>2</sup> 056503		
5 m - 16 mm <sup>2</sup> 054615	✓	✓
8 m - 16 mm <sup>2</sup> 056572		
<b>Anderson / NATO</b>		
5 m - 16 mm <sup>2</sup> 026810	✓	✓
<b>Anderson / Rema 160 A</b>		
5 m - 16 mm <sup>2</sup> 069091	✓	✓
<b>Anderson / Anderson 175 A</b>		
5 m - 16 mm <sup>2</sup> 069107	✓	✓
<b>Anderson / Texas</b>		
0.2 m - 16 mm <sup>2</sup> 055902	✓	✓
1 m - 16 mm <sup>2</sup> 028791	✓	✓

TEXAS CABLES	for GYSFLASH	
	121.12 / 123.12 / 125.12 108.12 / 148.12 / 158.12 101.24 / 103.24 / 107.24	
<b>Texas / Clamps</b>		
2.5 m - 25 mm <sup>2</sup> 028876		✓
5 m - 25 mm <sup>2</sup> 027886		
<b>Texas / Rema 160 A</b>		
5 m - 25 mm <sup>2</sup> 025714		✓
<b>Texas / Anderson 175 A</b>		
5 m - 25 mm <sup>2</sup> 025721		✓
<b>Texas / NATO</b>		
5 m - 25 mm <sup>2</sup> 025707		✓
10 m - 25 mm <sup>2</sup> 056626		

## PARALLEL CABLES KIT 072954



Anderson/Cable lugs  
M6 x2  
16 mm<sup>2</sup> - 1 m

Cable lugs/Cable lugs  
M6 x2  
(1 red + 1 black)  
35 mm<sup>2</sup> - 5 m

Texas/Cable lugs  
M6 x2  
25 mm<sup>2</sup>  
1 m

**M6 KIT**  
Ø16 (x4)  
Ø25 (x4)  
Ø35 (x4)

SMC Cable  
1 m

## INTERNAL FUSES

**40 A**  
for GYSFLASH 30  
054646  
x2

**125 A**  
for GYSFLASH 100, 101, 102  
054585  
x2

**150 A**  
for GYSFLASH 121, 123, 103  
027930  
x2

## EXTERNAL FUSES

**6.3 A**  
for GYSFLASH 30  
054578  
x5

**10 A**  
for GYSFLASH 40, 50 100, 101, 102  
056527

## CONNECTORS

**NATO**  
026780

**USB key**  
16 Go/GB  
062344

## GYSFLASH CNT PACKS



### SINGLE GYSFLASH

pack GYSFLASH CNT 1 068117	101.12 CNT 026988	121.12 CNT 026971	CNT-SPM + paper roll + support 026919 + 056633 + 028906	Barcode Scanner + support 027718 + 025745	BSU Flash XL 028890	CNT SLM 027978	CNT SHM 025981	CNT PHM 056589	Parallel cable kit 072954
✓	—	✓	✓	✓	✓	—	—	—	—
✓	—	—	✓	✓	✓	—	—	—	—
—	✓	—	—	—	✓	—	—	—	—
—	—	✓	✓	✓	✓	—	—	—	—

### DOUBLE GYSFLASH

pack GYSFLASH CNT 5 072978	✓ x2	—	✓	✓	✓	✓	✓	✓	✓
pack GYSFLASH CNT 6 074972	✓ x2	—	✓	✓	✓	✓	✓	✓	✓

### WITHOUT GYSFLASH

pack Parallel Charging 072961	—	—	—	—	—	—	—	✓	✓
pack GYSFLASH PRO 1 079908	—	—	✓	✓	✓	✓	✓	—	—
pack GYSFLASH PRO 2 079915	—	—	✓	✓	✓	✓	✓	—	—



# CHARGERS

## SSM

Save and load settings. Automatic restart in case of power cut.

Mémorisation des réglages. Redémarrage automatique en cas de coupure électrique.

Einstellungsspeicherung. Automatisches Starten nach einem Netzausfall.

## START STOP

Start/stop Engine : Compatible with Start/Stop vehicles.

Compatible véhicules Start/Stop. Geeignet für START-STOP-Fahrzeuge.

## Cold charge

"Cold charge" mode: performance-enhancing charging mode for cold or freezing weather conditions.

Mode "Cold charge": optimisation des performances en cas de temps froid ou de gel.

-Cold Charge--Modus: Leistungsoptimierung bei kaltem Wetter oder bei Frost.

## INCLUDED

all ARTIC

Eyelets / Cèllets / Ösen 30 cm 026872

Clamps / Pincers / Klemmen 35 cm 026865

## ARTIC

IP 65

WATER PROTECTION  
ARTIC 1500, 4000 & 8000

CHARGERS ONLY



## AUTOMATIC SMART HF INVERTER



ARTIC 800

12V 0.8A GO > 7V



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ARTIC 1500

12V 1.5A GO > 7V



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ARTIC 4000

6/12V 4/1-4A GO > 2V (6V) GO > 7V (12V)



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ARTIC 8000

2/8A 12V GO > 7V



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## ENERGY

PATENTS REGISTERED NUMBERS  
001652090-0001  
EUROPEAN TRADEMARK & DESIGN

old design



## TCB

PATENTS REGISTERED NUMBERS  
001652090-0001  
EUROPEAN TRADEMARK & DESIGN

old design



NEW DESIGN  
02/2026

NEW DESIGN  
02/2026



2 IN 1

CHARGE



TEST

## 12V • TRADITIONAL W

ENERGY 126

4A



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## W

## 12V • AUTOMATIC WU

## WU

TCB 60

2/4A GO > 3.5V



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BATIUM



SELF START MEMORY



BATTERY VOLTAGE DETECTION



ALL BATTERIES

# CHARGERS

AUTOMATIC, SMART & FAST



Old design



Microprocessor Control



FULL PROTECTION  
On-board electronics  
Over voltage  
Reverse polarity  
No sparks



YouTube  
PLAYLIST  
BATIUM

NEW DESIGN  
12 / 2025



BATIUM 7.12

7 A

GO > 0.5 V

SSM START STOP AUTO DETECT

1.5 m - 1.5 mm<sup>2</sup> → 40 A

024496

024557



NEW DESIGN  
02 / 2026



BATIUM 15.12

15 A

GO > 0.5V

SSM START STOP AUTO DETECT

SOS RECOVERY MODE

1.5 m - 2.5 mm<sup>2</sup> → 40 A

024519

024632



6 / 12 V IWUoU

NEW DESIGN  
11 / 2025



BATIUM 7.24

7 A

GO > 0.5 V

SSM START STOP AUTO DETECT

1.5 m - 1.5 mm<sup>2</sup> → 40 A

024502



NEW DESIGN  
12 / 2025



BATIUM 15.24

15 A

GO > 0.5V

SSM START STOP AUTO DETECT

SOS RECOVERY MODE

1.5 m - 2.5 mm<sup>2</sup> → 40 A

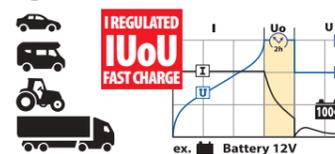
024526

024588



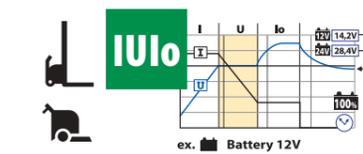
6 / 12 / 24 V IWUoU

I REGULATED FAST CHARGE



ex. Battery 12V

TRACTION BATTERY CHARGING



ex. Battery 12V

TEST



NEW DESIGN  
03 / 2026

BATIUM 25.24 X

25 A

GO > 0.5V

SSM START STOP AUTO DETECT

SOS RECOVERY MODE

2 m - 6 mm<sup>2</sup> → 60 A

024830

6 / 12 / 24 V



Specific charge  
Traction batteries



Fuse  
x10

15A  
BATIUM 7/12 & 7/24  
054493

30A  
BATIUM 15/12 & 15/24  
054523

RECOMMENDATION	6V												12V												24V													
	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah
BATIUM 7.12	15 • 130 Ah																																					
BATIUM 7.24	15 • 130 Ah																																					
BATIUM 15.12													35 • 225 Ah																									
BATIUM 15.24													35 • 225 Ah																									
BATIUM 25.24 X																									35 • 350 Ah													

MADE IN FRANCE	50 / 60 Hz	CHARGE	Average / Moyen (EN 60335)				Fuse	L x W x H cm / kg	SOS RECOVERY MODE				
			RMS / Efficace	Reg						boost			
				Reg 1	Reg 2	Reg 3							
BATIUM 7.12	230V	105W	6/12V	2	11 A	3 A	—	—	7 A	15 A	13.5 x 36 x 21 / 4.6	4.6 kg	—
BATIUM 15.12	230V	225W	6/12V	3	22 A	7 A	10 A	—	15 A	30 A	36.2 x 21.2 x 14 / 5.7	5.6 kg	•
BATIUM 7.24	230V	210W	6/12/24V	2	11 A	3 A	—	—	7 A	15 A	34.8 x 21 x 14.1 / 5.4	5.4 kg	—
BATIUM 15.24	230V	450W	6/12/24V	3	22 A	7 A	10 A	—	15 A	30 A	36.2 x 21 x 14.3 / 7.1	7.1 kg	•
BATIUM 25.24X	230V	1150W	6/12/24V	3	37 A	7 A	15 A	25 A	—	—	42 x 28 x 24.5 / 13.5	13.4 kg	•











GYSPACK

BOOSTERS

Pb/LEAD INSIDE



POWER SUPPLY 12V DC

NEW DESIGN 12 2025



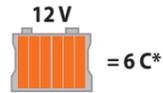
OPTION

MEMORY AUTO SAVE  
CABLE OBD 1,5 m  
054202

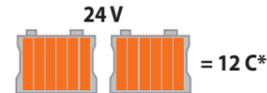


Fuse 7,5 A

i



\*C = cells, cellules



HERITAGE 6/12 V



55

GYSPACK

BOOSTERS • Pb INSIDE

12 V 18 Ah INSIDE HOBBIES OCCASIONAL PRO INTENSIVE

GYSPACK 400

1 250 A 480 A 1V/Cell



025455  
025516

12 V 22 Ah INSIDE HOBBIES OCCASIONAL PRO INTENSIVE

GYSPACK 600

1 750 A 550 A 1V/Cell



027336  
027497

INCLUDED GYSPACK 400 / 600 / PRO

HOBBIES OCCASIONAL PRO INTENSIVE

GYSPACK PRO

1 750 A 600 A 1V/Cell



026155  
025523

6 / 12 V 20 Ah + 20 Ah INSIDE HOBBIES OCCASIONAL PRO INTENSIVE

GYSPACK HERITAGE 6/12

6V 3 200 A 400 A 1V/Cell  
12V 1 600 A 450 A 1V/Cell

1.8 m - 25 mm<sup>2</sup> 600 A  
025844



INCLUDED GYSPACK Heritage

CHARGER Power in 100-240 V / out 12 V 50/60 Hz 054677 054660



CHARGER Power in 100-240 V / out 12 V 50/60 Hz 054684 054691



Après chaque utilisation After each use Nach jeder Anwendung

	Inside	START 1V/Cell	0 V/Cell	Peak Battery	START PETROL & DIESEL	ON OFF	Fuse	Power out	GYSPACK Charge 230V	TEST OK	LxWxH cm / kg	LxWxH cm / kg			
GYSPACK 400	12V-18 Ah	12V	480 A	900 A	1250 A	Pb/Lithium LFP	—	—	—	—	12V DC/0.5A	12V DC/1.2A	•	26 x 13 x 29.5 / 6.4	28.5 x 16 x 34 / 7.2
GYSPACK 600	12V-22 Ah	12V	550 A	1050 A	1750 A	Pb/Lithium LFP	—	—	—	—	12V DC	12V DC/1.2A	•	25.5 x 14 x 29.5 / 7.5	29.5 x 16 x 35.5 / 8.2
GYSPACK PRO	12V-22 Ah	12V	600 A	1100 A	1750 A	Pb/Lithium LFP	•	•	—	—	12V DC	12V DC/1.2A	•	35 x 14 x 37 / 9	39 x 17 x 45 / 9.5
GYSPACK HERITAGE 6/12	6V-2x20 Ah	6V 12V	400 A 450 A	800 A 850 A	3200 A 1600 A	Pb/Lithium LFP	•	•	1 x 300 A	—	12V DC	12V DC/2A	•	36 x 11 x 45 / 13	39 x 22 x 51 / 14

RECOMMENDATION	6V												12V												24V															
	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+ Ah	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+ Ah	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+ Ah	
GYSPACK 400																																								
GYSPACK 600																																								
GYSPACK PRO																																								
GYSPACK HERITAGE																																								



GYSPACK

# BOOSTERS Pb/LEAD INSIDE

**+** POWER SUPPLY  
12V DC



SPIRAL TECHNOLOGY



SPIRAL TECHNOLOGY



**EnerSys**  
TPPL TECHNOLOGY  
Thin Plate Pure Lead  
**PREMIUM QUALITY BATTERIES**



12 V **28 Ah** INSIDE HOBBIES OCCASIONAL PRO INTENSIVE

GYSPACK 660

**1 900 A** **640 A**  
1V/Cell

1.3 m - 25 mm<sup>2</sup> → 600 A

027862  
027992  
027879



INCLUDED GYSPACK 660

**CHARGER**  
Power in 100-240 V/out 12 V  
50/60 Hz  
027992



12 V **28 Ah** SPIRAL INSIDE HOBBIES OCCASIONAL PRO INTENSIVE

GYSPACK 750

**2 500 A** **750 A**  
1V/Cell

1.3 m - 25 mm<sup>2</sup> → 600 A

026179  
026353



INCLUDED GYSPACK 750

**CHARGER**  
Power in 100-240 V/out 12 V  
50/60 Hz  
054684



12 V **28 Ah** SPIRAL INSIDE HOBBIES OCCASIONAL PRO INTENSIVE

GYSPACK PRO 800

**2 500 A** **700 A**  
1V/Cell

1.8 m - 25 mm<sup>2</sup> → 600 A

068759  
072107

INCLUDED GYSPACK PRO 800

**CHARGER**  
Power in 100-240 V/out 12 V  
50/60 Hz  
054684



12 V **16 Ah** INSIDE HOBBIES OCCASIONAL PRO INTENSIVE

GYSPACK PRO 700

**1 800 A** **640 A**  
1V/Cell

1.4 m - 25 mm<sup>2</sup> → 600 A

027077

1 096 701



**INTEGRATED CHARGER**

**7 STEP**

12 V **30 Ah** INSIDE HOBBIES OCCASIONAL PRO INTENSIVE

GYSPACK PRO 900

**3 100 A** **830 A**  
1V/Cell

1.8 m - 35 mm<sup>2</sup> → 600 A

027084  
027954

1 096 701



**INTEGRATED CHARGER**

**7 STEP**



DESIGN GYS FRANCE

MADE IN GYS CHINA

MADE IN FRANCE

Model	START			START PETROL & DIESEL	CHARGER INSIDE	Protection	Power out	Fuse	Fuse	LxWxH cm	LxWxH cm / kg						
	Inside	1V/Cell	0V/Cell														
GYSPACK 660	28 Ah	12V	640 A	1200 A	1900 A	Pb/Lithium LFP	•	—	110-240V	12V/2 A DC	•	•	⌚ 12V DC	—	1 × 200 A	35 x 19 x 40	39 x 23 x 45 / 13.5
GYSPACK 750	28 Ah	12V	750 A	1450 A	2500 A	Pb/Lithium LFP	•	—	110-240V	12V/2 A DC	•	•	⌚ 12V DC	—	2 × 200 A	35 x 19 x 40	39 x 23 x 45 / 13.5
GYSPACK PRO 800	28 Ah	12V	700 A	1320 A	2500 A	Pb/Lithium LFP	•	—	110-240V	12V/2 A DC	•	•	⌚ 12V DC	10 A	2 × 200 A	31 x 19 x 35	32 x 23 x 37 / 18.4
GYSPACK PRO 700	16 Ah	12V	640 A	1200 A	1800 A	Pb/Lithium LFP	•	•	220-240V	—	•	•	⌚ 12V DC	10 A	1 × 200 A	33 x 15 x 32	35 x 24 x 36 / 12
GYSPACK PRO 900	30 Ah	12V	830 A	1700 A	3100 A	Pb/Lithium LFP	•	•	220-240V	—	•	•	⌚ 12V DC	10 A	1 × 300 A	33 x 15 x 32	35 x 24 x 36 / 16

Model	RECOMMENDATION															
	6V	12V	24V	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+ Ah
GYSPACK 660	•															
GYSPACK 750	•															
GYSPACK PRO 800	•															
GYSPACK PRO 700	•															
GYSPACK PRO 900	•															

GYSPACK

BOOSTERS • Pb/LEAD INSIDE





# STARTPACK

# BOOSTERS Pb/LEAD INSIDE



### SMART STARTER MANAGEMENT SYSTEM

- FULL PROTECTION**
  - On-board electronics
  - Reverse polarity
  - Over voltage
  - No sparks
- AUTO DETECT**
  - Battery voltage detection
  - Microprocessor Control
  - TIMER Adjustable



**12/24 V** **50 Ah SPIRAL** + **50 Ah SPIRAL** **INSIDE** HOBBIES OCCASIONAL **PRO +++ INTENSIVE**

**STARTPACK PRO 12.24 XL**

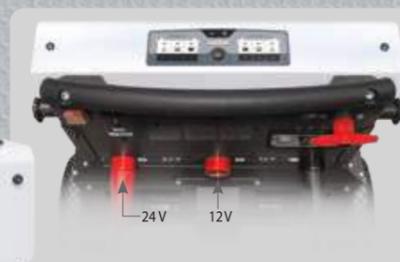
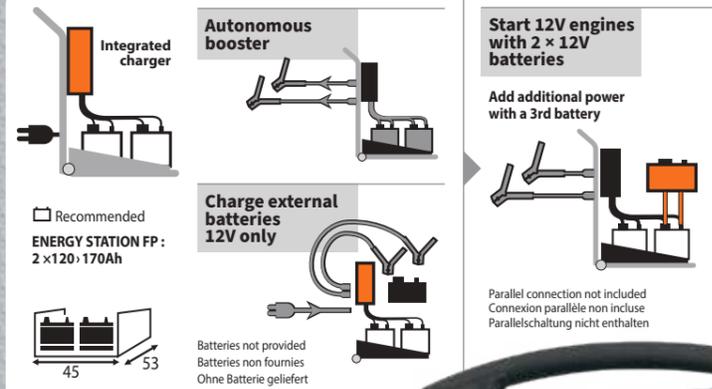
12V	<b>8 500 A</b>	<b>1600 A</b> 1V/Cell	<b>24V</b> ★★★★	<b>4 250 A</b>	<b>1400 A</b> 1V/Cell
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2 m - 70 mm<sup>2</sup> 1000 A 026711

**OPTION**

- STANDARD CABLES 1000 A - 70 mm<sup>2</sup> 2 m 026797
- STANDARD CABLES 1000 A - 70 mm<sup>2</sup> 4 m 026827
- NATO CABLES 3 m - 50 mm<sup>2</sup> 072589
- NATO CONNECTOR 026780
- NATO ID / NCAGE : F8154 CG730

# ENERGY STATION



- FULL PROTECTION**
- On-board electronics
  - Over voltage
  - No sparks
  - Reverse polarity

**12/24 V** HOBBIES OCCASIONAL **PRO INTENSIVE +++**

**ENERGY STATION FP**  
069589

**INTEGRATED CHARGER** **6 STEP**

MADE IN FRANCE	Inside	START			START PETROL & DIESEL	CHARGE		CHARGER	Protection			LxWxH cm	LxWxH cm / kg		
		1V/Cell	0 V/Cell	Peak Battery		min	max		TEST OK	ON OFF	Fuse				
<b>STARTPACK PRO 12.24 XL</b>	2x 50 Ah	12 V	1 600 A	3 000 A	8 500 A	Pb/Lithium LFP	—	—	6 A outside	automatic	•	300 A	2 m ø 70 mm <sup>2</sup>	106 x 32 x 35	112 x 35 x 43 / 68
		24 V	1 400 A	2 600 A	4 250 A										
<b>ENERGY STATION FP</b>		dependant on batteries / selon batteries / je nach Batterie (Pb only)			Pb/Lithium LFP	12/24 V	100 · 375 Ah (  x2)	30 A inside	manual	•	300 A	2,5 m ø 50 mm <sup>2</sup>	70 x 65 x 91	80 x 53 x 28 / 29	

**RECOMMENDATION**

	12V	24V	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+ Ah
<b>STARTPACK PRO 12.24 XL</b>	•	•													
<b>ENERGY STATION FP</b>															







# BOOSTERS LITHIUM INSIDE

SPECIALIST HOBBY • Non professional use •  
Utilisation non professionnelle • Nicht für gewerblichen  
Gebrauch.

START ENGINE

POWER BANK



LIGHT

### INCLUDED

SUPER-SAFE SMART STARTING CABLE  
✓ Nomad Power 401  
✓ Nomad Power 501



✓ Nomad Power PRO 701  
✓ Nomad Power PRO 801  
✓ Nomad Power PRO 901 FC



## 12V

NOMAD POWER 401

900 A

350 A  
1V/Cell



0,28 m - 5,2 mm<sup>2</sup>  
AWG10  
 SUPER-SAFE  
SMART STARTING  
CABLE

087316

NOMAD POWER 501

1200 A

500 A  
1V/Cell



0,28 m - 5,2 mm<sup>2</sup>  
AWG10  
 SUPER-SAFE  
SMART STARTING  
CABLE

087323

NOMAD POWER PRO 701

1250 A

700 A  
1V/Cell



0,26 m - 8,3 mm<sup>2</sup>  
AWG8  
 SUPER-SAFE  
SMART STARTING  
CABLE

085855

NOMAD POWER PRO 801

1500 A

850 A  
1V/Cell



0,26 m - 8,3 mm<sup>2</sup>  
AWG8  
 SUPER-SAFE  
SMART STARTING  
CABLE

085831

NOMAD POWER PRO 901 FC

1700 A

900 A  
1V/Cell



0,26 m - 8,3 mm<sup>2</sup>  
AWG8  
 SUPER-SAFE  
SMART STARTING  
CABLE

085879

	LITHIUM			START				INPUT	OUTPUT		
	CAPACITY/CELL	TYPE	FULL CHARGE	1V/Cell	0V/Cell	Peak Battery					
NP 401	2.5 Ah - 37 Wh	LiCoO2	3 h	350 A	700 A	900 A	12 V (Pb only)	USB-C : 5V/2A	(x1) USB 3.0 QC : 5/9/12V - 2A (x1) USB-A : 5V - 2.1A	14.5 x 8.5 x 3	0.37
NP 501	3 Ah - 45 Wh	LiCoO2	3 h 30	500 A	1000 A	1200 A	12 V (Pb only)	USB-C : 5V/2A	(x1) USB 3.0 QC : 5/9/12V - 2A (x1) USB-A : 5V - 2.1A (x1) JACK DC 05.5 : 15V - 5A	17.5 x 8.5 x 3	0.46
NP PRO 701	4 Ah - 59.2 Wh	LiCoO2	3 h	700 A	1100 A	1250 A	12 V (Pb only)	USB-C : 5V/3A	(x1) USB 3.0 QC : 5V/2.4A 9V/2A 12V - 1.5A (x1) USB-A : 5V - 2.1A (x1) USB-C : 5V - 3A (x1) JACK DC 05.5 : 15V - 10A	22.8 x 10 x 3.8	0.62
NP PRO 801	5 Ah - 74 Wh	LiCoO2	4 h	850 A	1300 A	1500 A	12 V (Pb only)	USB-C : 5V/3A	(x1) USB 3.0 QC : 5V/2.4A 9V/2A 12V - 1.5A (x1) USB-A : 5V - 2.1A (x1) USB-C : 5V - 3A (x1) JACK DC 05.5 : 15V - 10A	22.8 x 10 x 3.8	0.73
NP PRO 901 FC	6 Ah - 92.5 Wh	LiCoO2	5h (with 15W charger) 1h15 (with 67W charger)	900 A	1400 A	1700 A	12 V (Pb only)	PD USB-C : 60W max	(x1) USB 3.0 QC : 5V/2.4A 9V/2A 12V - 1.5A (x1) USB-A : 5V - 2.1A (x1) USB-C Power Delivery : 60W (x1) JACK DC 05.5 : 15V - 10A	22.8 x 10 x 3.8	0.79

i Recommendation												
	NP 401	NP 501	NP PRO 701	NP PRO 801	NP PRO 901 FC							
	5 > 70 Ah											
	5 > 90 Ah											
	5 > 140 Ah											
	5 > 150 Ah											
	5 > 150 Ah											

**OPTION**

- 67 W Fast USB-C Charger**  
✓ Nomad Power PRO 901 FC  
087132
- 15 W USB-C Charger**  
✓ Nomad Power 401 / 501  
✓ Nomad Power PRO 701 / PRO 801 / PRO 901 FC  
087101
- 15 W USB-C Charger**  
✓ Nomad Power 401 / 501  
✓ Nomad Power PRO 701 / PRO 801 / PRO 901 FC  
087354



# BOOSTERS LITHIUM INSIDE

SPECIALIST HOBBY • Non professional use •  
Utilisation non professionnelle • Nicht für gewerblichen  
Gebrauch.

+ LIGHT

▶ START ENGINE

+ POWER BANK



### OPTION

- 67 W Fast USB-C Charger**  
✓ Nomad Power PRO 901 FC  
087132
- 15 W USB-C Charger**  
✓ Nomad Power 401 / 501  
✓ Nomad Power PRO 701  
/ PRO 801 / PRO 901 FC  
087101
- 15 W USB-C Charger**  
✓ Nomad Power 401 / 501  
✓ Nomad Power PRO 701  
/ PRO 801 / PRO 901 FC  
087354

218 Wh **NEW**  
11 2025

**NOMAD POWER  
12/24 V**  
088931

★★★★★  
**Ultra High Capacity**  
499+ Wh **NEW**

**NOMAD  
POWER  
PRO 12/24 V**  
088566

Maximum autonomy ×2 Increased vehicle starts



## 12 V

### NOMAD POWER PRO XL

**2000 A** | **1000 A**  
**1V/Cell**



088818

### NOMAD POWER PRO XXL

**3200 A** | **1500 A**  
**1V/Cell**



088924

## 12 / 24 V

### NOMAD POWER PRO TRUCK

**2000 A** | **600 A**  
**1V/Cell**



027527  
028845

### NOMAD POWER 12/24 V

**4000 A** | **2300 A**  
**1V/Cell**



088931

### NOMAD POWER PRO 12/24 V

**5000 A** | **2300 A**  
**1V/Cell**



088566

MADE IN CHINA	LITHIUM			START			START PETROL & DIESEL	INPUT	OUTPUT	POWER BANK	cm	kg
	CAPACITY/CELL	TYPE	FULL CHARGE	1V/Cell	0V/Cell	Peak Battery						
<b>NP PRO XL</b>	8 Ah - 118.4 Wh	LiPo	2 h with 67 W Fast USB-C charger 6.5 h with 15 W USB-C charger	1000 A	1500 A	2000 A	12 V (Pb/Lead only)	—	(x1) USB-C (60 W max) (x1) USB-A: 5V - 2.1 A	(x1) USB 3.0 Quick charge: 5/9/12 V (x1) DC: 12/16 V - 10 A	31.1 × 15.2 × 6.5	2.2
<b>NP PRO XXL</b>	10.4 Ah - 153.9 Wh	LiCoO2	3 h	1500 A	2500 A	3200 A	12 V (Pb/Lead only)	(x1) USB-C: 5/9 V - 2 A / 9 V - 2 A JACK DC 16.8 V/4 A	(x1) USB-A: 5V - 2.4 A (x1) USB-A: 5V - 1 A	—	25.2 × 15 × 18.8	3.1
<b>NP PRO TRUCK</b>	6 Ah - 155.4 Wh	LiCoO2	7 h	600 A	1500 A	2000 A	12V/24V (Pb/Lead only)	QC USB-C: 18 W max	(x1) USB-A: 5V - 1 A (x1) USB-A: 5V - 2.1 A	(x1) Cigarette Lighter: 12V - 10 A	24.8 × 24.8 × 9.6	2.4
<b>NP 12/24V</b>	8.4 Ah - 218 Wh	LiCoO2	4 h	1900 A	3000 A	4000 A	12 V/24 V (Pb/Lead only)	(x1) USB-C: 5 V - 2 A / 9 V - 2 A JACK DC 29 V/5 A	(x2) USB-A: 5V - 2.4 A	—	29.5 × 24.5 × 17.5	4.4
<b>NP PRO 12/24V</b>	19.5 Ah - 499.59 Wh	LiCoO2	7 h	2300 A	3500 A	5000 A	12 V/24 V (Pb/Lead only)	JACK DC 05.5: 29 V - 5 A USB-C: 5V/2A 9V/2A	(x2) USB-A: 5V - 2.4 A	—	24.6 × 24.5 × 15	5.4

Recommendation	Motorcycle	Car	Van	Truck	Bus	Tractor	Excavator	Trailer
<b>NP PRO XL</b>								
<b>NP PRO XXL</b>								
<b>NP PRO TRUCK</b>								Max capability ( minimum charge needed )
<b>NP 12/24V</b>								> 240 Ah
<b>NP PRO 12/24V</b>								> 240 Ah



# BOOSTERS SUPER CAPACITOR INSIDE

## SUPER CAPACITOR TECHNOLOGY FOR STARTRONIC & GYSCAP



- ✓ NO BATTERY INSIDE
- ✓ NO MAINTENANCE
- ✓ FAST TO USE
- ✓ BOOSTER SANS BATTERIE INTERNE
- ✓ AUCUNE MAINTENANCE
- ✓ RAPIDE D'UTILISATION
- ✓ KEINE INTERNE BATTERIE
- ✓ KEINE WARTUNG
- ✓ SCHNELL EINSETZBAR



FULL PROTECTION



-40/+65°C



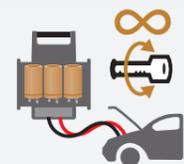
1 MILLION CYCLES



FAST CHARGE



NO SULFATION DURING STORAGE



UNLIMITED STARTS

### CHARGING MODES

	Vehicle battery	Cigarette lighter	Internal lithium battery
STARTRONIC 800	✓	✓	-
STARTRONIC HYBRID 900	✓	✓	✓
STARTRONIC SUPERCAP 12/24 V	✓	-	-

### DC/DC CONVERTER INSIDE (>5V)



800 : 4 minutes  
 HYBRID 950 : 4 minutes  
 SUPERCAP 12 / 24 V : 5 minutes



INCLUDED  
 STARTRONIC 800  
 & HYBRID 950  
 CIGARETTE LIGHTER  
 for Easy charge  
 027404  
 12V

5x 800 F INSIDE

STARTRONIC 800

800 A

12V

DC/DC converter

026735



✓ SMART  
 ✓ SAFE  
 ✓ POWERFUL

HYBRID TECHNOLOGY

- + Output USB
- + Light

INCLUDED  
 Internal lithium battery  
 027411



100% → Recharge the supercapacitors 5 times

5x 950 F + Lithium INSIDE

STARTRONIC HYBRID 950

950 A

12V

DC/DC converter

026117



12V / 24V

10x 900 F INSIDE

STARTRONIC SUPERCAP 12 / 24V

1050 A

12V

DC/DC converter

880 A

24V

082816



MADE IN CHINA	START		START PETROL & DIESEL	Number of Capacitors	Integrated Inverter	INPUT CHARGE				Charging time				MICRO USB Type B	LIGHT	cm	kg
	1V/Cell	0V/Cell Peak				12V	12V/10A	5V/2A	internal lithium battery	5V/2A	internal lithium battery						
	OFF	ON				OFF	ON	OFF	ON	OFF	ON						
STARTRONIC 800	800 A	1400 A	-	Pb only	12V	5x 800 F	•	4 min	60 s	4 min	4 min	5V/2A	40 min	-	-	26,7 x 19,5 x 5	1,86
STARTRONIC HYBRID 950	950 A	1660 A	-	Pb only	12V	5x 950 F	•	4 min	60 s	4 min	4 min	5V/2A	40 min	30 min	•	25 x 18,5 x 6	1,86
STARTRONIC SUPERCAP 12/24V	1050 A 880 A	1800 A 1500 A	-	Pb only	12V 24V	10x 900 F	•	5 min 2 min	3 min 2 min	-	-	-	-	-	-	34 x 43 x 20	7



Recommendation

STARTRONIC 800

5 x 90 Ah

STARTRONIC HYBRID 950

5 x 100 Ah

STARTRONIC SUPERCAP 12/24V

5 x 150 Ah





# GYSCAP



SMART STARTER MANAGEMENT SYSTEM

### SUPER CAPACITOR TECHNOLOGY

- FULL PROTECTION
- 40/+65°C
- NO BATTERY INSIDE
- BOOSTER SANS BATTERIE INTERNE
- KEINE INTERNE BATTERIE
- NO MAINTENANCE
- AUCUNE MAINTENANCE
- KEINE WARTUNG
- FAST TO USE
- RAPIDE D'UTILISATION
- SCHNELL EINSETZBAR

- 1 MILLION CYCLES
- FAST CHARGE
- NO SULFATION DURING STORAGE
- UNLIMITED STARTS

NEW 03/2026



12V

5x 3000 F INSIDE

GYSCAP 12V DC/DC

1 600 A

DC/DC converter

087651

1.7 m - 25 mm<sup>2</sup> Cables 100% Cu



24V

10x 3000 F INSIDE

GYSCAP 24V DC/DC

2 500 A

DC/DC converter

088504

2 m - 35 mm<sup>2</sup> Cables 100% Cu



GYSCAP 24V

2 500 A

028944

2 m - 50 mm<sup>2</sup> Cables 100% Cu



# GYSCAP TWIN START

The Complete & Safe solution

for combustion & EV engine

NEW 03/2026



12V

5x 3000 F INSIDE

GYSCAP TWIN-START EV 12V DC/DC

1 600 A

DC/DC converter TWIN

089990

Cables 100% Cu 1.7 m - 25 mm<sup>2</sup>



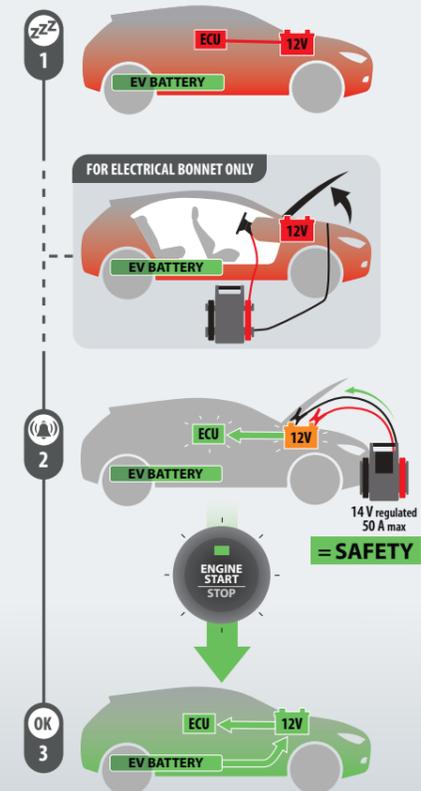
BREVET GYS GYS PATENT



2 IN 1

+ 12V Booster

+ Special EV Rescue



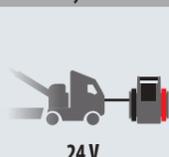
### CHARGING MODES

On charged vehicle battery



12V

max 2 min 30  
max 9 min



24V

max 4 min

GYSCAP 12V & TWIN START EV 12V DC/DC

max 20 min

max 1 h

max 1 min 30  
max 30 min

### DC/DC CONVERTER

On discharged vehicle battery



E.C.U. memory protect

Alternator protection max 50 A (against overload)



OPTION GYSFLASH for mains charge

4.12 + F5 p.6  
029422 029439

12.12 + S7 p.7  
029392 077331

max 15 min max 8 min

max 30 min max 16 min

max 1 h max 1 h

MADE IN FRANCE

START	START			EV/HEV	Number of Capacitors	DC/DC	INPUT CHARGE		cm	kg
	1V/Cell	0V/Cell	Peak				INPUT CHARGE	INPUT CHARGE		
GYSCAP 12V DC/DC	1 600 A	2 700 A	10 000 A	Pb/Lithium LFP	12V	5 x 3000 F	8-16V / 50A max	4,5V-30V / 8A max	35 x 44 x 19	7,2
GYSCAP TWIN-START EV 12V DC/DC	1 600 A	2 700 A	10 000 A	Pb/Lithium LFP	12V	5 x 3000 F	8-16V / 50A max	4,5V-30V / 8A max	35 x 44 x 19	7,2
GYSCAP 24V DC/DC	2 500 A	4 500 A	10 000 A	Pb/Lithium LFP	24V	10 x 3000 F	16-32V / 50 A max	4.5V-30V / 8 A max	35 x 38 x 20	13
GYSCAP 24V	2 500 A	4 500 A	10 000 A	Pb/Lithium LFP	24V	10 x 3000 F	24V	10-30V (150W max)	32 x 49 x 21.5	14

Recommendation



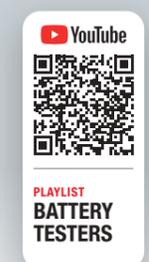
GYSCAP 12V DC/DC  
GYSCAP TWIN-START EV 12V DC/DC  
GYSCAP 24V DC/DC  
GYSCAP 24V

225 Ah  
225 Ah



**TBP**

# TRADITIONAL TESTERS



**TBP 100**  
**6/12 V** 20 > 100 Ah  
 PB BATTERY  
 055131

**TBP 500**  
**12 V** 10 > 160 Ah  
 PB BATTERY  
 055148

**BT**

# DIGITAL TESTERS



**BT 001**  
**12 V** 7 > 230 Ah  
 PB BATTERY  
 056640



**NBT 200**  
**12 V** 20 > 150 Ah  
 ALTERNATOR 12 V  
 PB BATTERY  
 024168

**DBT**

# COLOR SCREEN TESTERS

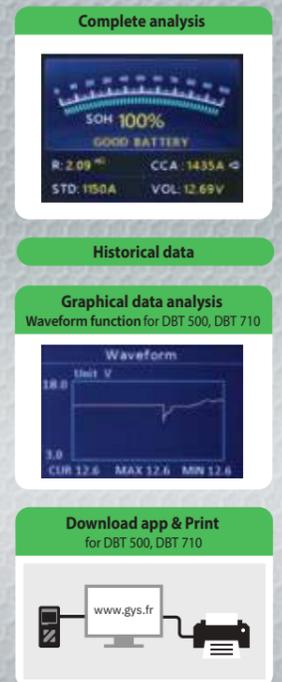


**DBT 410**  
**6/12 V** 7 > 240 Ah  
 ALTERNATOR 6/12 V  
 PB BATTERY  
 083233



**DBT 500**  
**6/12 V** 7 > 240 Ah  
 ALTERNATOR 6/12 V  
 PB BATTERY  
 079823

**DBT 710**  
**6/12 V** 7 > 240 Ah  
 ALTERNATOR 6/12/24 V  
 PB BATTERY  
 083585



**BTW**

# CONNECTED TESTERS



**BTW 6V/12V**  
**6/12 V** 7 > 240 Ah  
 ALTERNATOR 12 V  
 PB BATTERY  
 077355

# ACCESSORIES

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MADE IN CHINA	BATTERY A	BATTERY V	TEST		DIGITAL	RESULT	TEMPERATURE COMPENSATION	kg	cm	L x W x H cm / kg		
			CHARGE & START SYSTEM VEHICLE									
TBP 100	6-12V	20 > 100 Ah	•	•	12V	—	5/10s	15 min	—	1.5	16x1.8x30	30.7x17.2x10.3 / 1.5
TBP 500	12V	10 > 160 Ah	•	•	12V	—	15s	15 min	—	3.75	27x26x13	31x28.6x18.2 / 3.8
BTW 6V/12V	6-12V	7 > 240 Ah	—	min 4.5V	12V	—	1s	instant	•	0.11	11x3x2	7.5x4.5x16.4 / 0.16
BT 001	12V	7 > 230 Ah	—	•	12V	LED	1s	instant	—	0.29	3x12x1.5	24.2x11.8x2.4 / 0.29
NBT 200	12V	20 > 150 Ah	•	min 7V	12V	•	1s	instant	—	0.25	7x1.5x12	5x18x25.8 / 0.3
DBT 410	6-12V	7 > 240 Ah	•	min 5V	6/12V	color screen 2.4"	1s	instant	•	0.24	8x1.8x13.4	4.2x8.5x15
DBT 500	6-12V	7 > 240 Ah	•	min 5V	6/12V	color screen 2.4"	1s	instant	•	0.3	8x2x14	5x18.5x18.5 / 0.44
DBT 710	6-12V	7 > 240 Ah	•	min 3V	12/24V	color screen 3.2"	1s	instant	•	0.9	10x3.5x20.5	10x18.4x25.3

Recommendation	Battery/Batteries /Ladegeräte	Alternator Circuit/ Circuit alterateur/ Lichtmaschinenkreis	LIQUID	START /STOP ENGINE	EFB	AGM VRLA/GEL	TEST					CURRENT CCA SAE		
							Truck	Van	Car	Motorcycle	Boat			
TBP 100	6V 12V	•	•	•	•	•	•	•	•	•	•	20 > 100 Ah	—	
TBP 500	12V	•	•	•	•	•	•	•	•	•	•	10 > 160 Ah	0 > 1000 A	
BTW 6V/12V	6V 12V	•	•	•	•	•	•	•	•	•	•	7 > 240 Ah	10 > 2000 A	
BT 001	12V	•	•	•	•	•	•	•	•	•	•	7 > 230 Ah	7 > 230 Ah	—
NBT 200	12V	•	•	•	•	•	•	•	•	•	•	20 > 150 Ah	200 > 1200 A	
DBT 410	6V 12V	•	•	•	•	•	•	•	•	•	•	7 > 240 Ah	10 > 2000 A	
DBT 500	6V 12V	•	•	•	•	•	•	•	•	•	•	7 > 240 Ah	100 > 2000 A	
DBT 710	6V 12V	•	•	•	•	•	•	•	•	•	•	7 > 240 Ah	—	



# TESTERS WITH PRINTERS

Languages - Sprachen

BTW 6V/12V
DBT 410
DBT 500
DBT 710
PBT 550
PBT 710
PBT 720
PBT 812
PBT 824
PBT 924

x6 Languages Sprachen

x13 Languages Sprachen



Approvals Homologations Zulassungen

## PRINTER • 12 V

**PBT 550**

**12 V** 30 > 220 Ah

ALTERNATOR 12 V PB BATTERY



**PBT 710**

**12 V** 5 > 220 Ah

ALTERNATOR 12 V PB BATTERY



056220	x2	37 mm	7.5 mm	25 mm	BT 301 / BT 501 / BT 551
056237	x1	57 mm	28 mm	50 mm	RT 777 / PBT 700 / PBT 812 / PBT 824 / PBT 924
056633	x2	57 mm	7.5 mm	25 mm	PBT 550 / PBT 700 / PBT 710 / PBT 720 / PBT 812 / PBT 824 / PBT 924 / SPM

**XL Full Color screen**

- Complete analysis
- Historical data
- Graphical data analysis Waveform function

• Download app & Print

x12 Languages Sprachen



**Color screen**

- Complete analysis
- Historical data
- Graphical data analysis Waveform function

• Battery-management software

x10 Languages Sprachen



## PRINTER • 6/12 V

**PBT 720**

**6/12 V** 7 > 240 Ah

ALTERNATOR 6/12/24 V PB BATTERY



**PBT 812**

**6/12 V** 7 > 240 Ah

ALTERNATOR 12/24 V PB BATTERY



YouTube

PLAYLIST BATTERY TESTERS

1.3 m 0.5 m \*detachable M/F plug Clamps 056510

Included for PBT 812 / PBT 824 / PBT 924

4 wire connector = more precision connecteur 4 fils = plus de précision

**COMPATIBILITY**

USB Barcode scanner 1D/2D for PBT 812, PBT 924 027718 p.36

**LCD screen**

- Complete analysis

• Battery-management software

x10 Languages Sprachen



LCD COLOR

30C 12.7V 100%  
30C 12.9V 77%  
30C 12.8V 50%

## PRINTER • 6/12/24 V (2x12)

**PBT 824**

**6/12/24(2X12)V** 7 > 240 Ah

ALTERNATOR 12/24 V PB BATTERY



**Color screen**

- Complete analysis
- Historical data

• Battery-management software

x8 Languages Sprachen



**PBT 924**

**6/12/12Vparallel/24(2X12)V** 7 > 240 Ah

ALTERNATOR 12/24 V PB BATTERY



MADE IN CHINA

	BATTERY		TEST		PRINT PAPER	DIGITAL	RESULT	TEMPERATURE COMPENSATION	kg	cm	L x W x H cm / kg
	A	V	CHARGE & START SYSTEM VEHICLE								
<b>PBT 550</b>	12V	30 > 220 Ah	min 6V	12V	back-lit/rétro-éclairé	1s	instant	-	0.55	55 x 25	29 x 23 x 9 / 0.9
<b>PBT 710</b>	12V	5 > 220 Ah	min 6V	12V	colour screen	1s	instant	-	0.62	9 x 4 x 20	25 x 18 x 6.7 / N/A
<b>PBT 720</b>	6-12V	7 > 240 Ah	min 3V	6/12/24V	colour screen 3.2"	1s	instant	2 x 3.7V - 2 A lithium-ion polymer batteries	0.9	26 x 10.5 x 5	27.2 x 36.4 x 9.3 / 2
<b>PBT 812</b>	6-12V	7 > 240 Ah	min 1.5V	12/24V	colour TFT display 2.8"	1s	instant	6 x 1.5V LR6-AA or 18650 lithium battery (not included)	0.7	28 x 14 x 7.5	34 x 47 x 11.5 / 3.1
<b>PBT 824</b>	6-12-24V (2x12V)	7 > 240 Ah	min 1.5V	12/24V	back-lit 4 colours / rétro-éclairé	1s	instant	6 x 1.5V LR6-AA	0.7	25 x 4.5 x 13	40 x 28 x 9 / 2.3
<b>PBT 924</b>	12V parallel 24V (2x12V)	7 > 240 Ah	min 1.5V	12/24V	colour TFT display 2.8"	1s	instant	6 x 1.5V LR6-AA or 18650 lithium battery (not included)	0.7	28 x 14 x 7.5	34 x 47 x 11.5 / 3.1

Recommendation	TEST		PRINT PAPER	LIQUID	START /STOP ENGINE	EFB	AGM VRLA/GEL	VEHICLE						CURRENT CCA SAE	
	Battery/Batteries/Ladegeräte	Alternator Circuit/Circuit alternateur/Lichtmaschinenchaltkreis						Motorcycle	Car	Van	Truck	Truck	Truck		
<b>PBT 550</b>	12V	12V	•	•	•	•	•							30 > 220 Ah	100 > 2000 A
<b>PBT 710</b>	12V	12V	•	•	•	•	•							5 > 220 Ah	10 > 2000 A
<b>PBT 720</b>	6V 12V	6-12-24V	•	•	•	•	•							7 > 240 Ah	10 > 2000 A
<b>PBT 812</b>	6V 12V	12V	•	•	•	•	•							7 > 240 Ah	25 > 3000 A
<b>PBT 824</b>	6V 12V 24V (2X12)	12-24V	•	•	•	•	•							7 > 240 Ah	40 > 2000 A
<b>PBT 924</b>	6V 12V 24V (2X12)	12-24V	•	•	•	•	•							7 > 240 Ah	40 > 2000 A

NEW



# POWER INVERTERS

12/24 V DC > 230 V AC



## PSW REMOTE CONTROL

For 601W-12

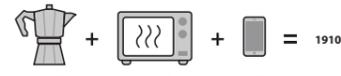
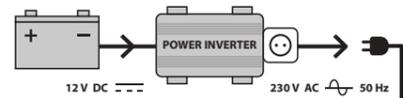
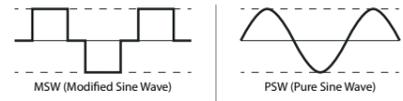


For 1002W RC-12, 1502W RC-12, 2002W RC-12, 2002W RC-24, 3000W RC-12, 000V RC-24

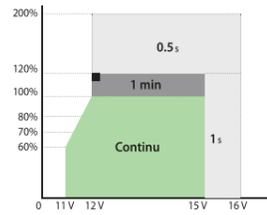


Input = 888 V  
Output = 888 W

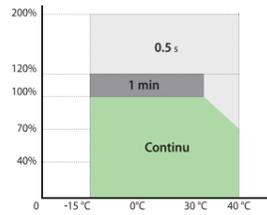
## MSW / PSW TECHNOLOGY



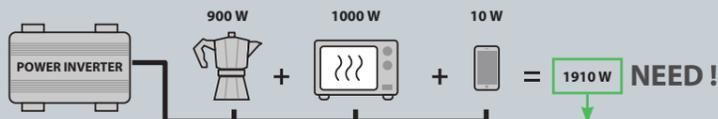
Power based on output voltage  
Puissance en fonction de la tension de sortie  
Leistung in Abhängigkeit von der Ausgangsspannung



Power based on temperature  
Puissance en fonction de la température  
Leistung in Abhängigkeit von der Temperatur



- Under-voltage / Over-voltage / Overload / Overheating / Output short-circuit
- Tension faible / Surtension / Surcharge / Surchauffe / Court-circuit
- Unterspannung / Überspannung / Überlastung / Überhitzung / Kurzschluss am Ausgang



### SELECT THE RIGHT POWER INVERTER

- CHOISISSEZ VOTRE CONVERTISSEUR
- WÄHLEN SIE IHREN WECHSELRICHTER

CONVERGYS 150	CONVERGYS 300	PSW 601W RC-12	PSW 1002W RC-12	PSW 1502W RC-12	PSW 2002W RC-12	PSW 3000W RC-12	PSW 2002W RC-24	MSW 82000	PSW 3000W RC-24	70 Ah	200 Ah
12 V								24 V			

HOME APPLIANCE - ÉLECTROMÉNAGER			
Microwave - Micro-Ondes - Mikrowelle	700 - 1000 W	30 - 50 min	1 h 30 - 2 h
Toaster - Grille Pain	800 - 1500 W	20 - 40 min	1 h - 2 h
Fridge - Réfrigérateur - Kühlschrank (40 L)	45 W	12 h	35 h
Kettle - Bouilloire - Wasserkocher	700 - 2500 W	15 - 45 min	35 min - 2 h
Espresso coffee maker - Cafetière espresso - Espresso-Maschine	1000 - 1600 W	20 - 30 min	1 h - 1 h 30
Drip coffee maker - Cafetière filtre - Filterkaffee-Maschine	800 - 1200 W	25 - 40 min	1 h 30 - 2 h
ELECTRONIC - ÉLECTRONIQUE			
Mobile phone - Téléphone - Telefon	5 - 10 W	55 - 110 h	155 - 310 h
Laptop - Ordinateur portable	60 - 95 W	5 - 9 h	16 - 28 h
Radio	10 - 40 W	14 - 55 h	40 - 155 h
TV 15"	40 W	13 h 30	39 h
TV 21"	50 W	11 h	31 h
Video game console - Console de jeux vidéo - Konsole für Videospiele	39 - 100 W	5 - 13 h	16 - 39 h
Camera - Appareil photo - Fotoapparat	4 - 19 W	25 - 135 h	78 - 390 h
COMFORT - CONFORT			
Light - Eclairage - Beleuchtung	100 W	5 h 30	16 h
Electrical heater - Chauffage électrique - Elektrische Heizung	1800 - 2500 W	12 - 20 min	35 - 45 min
Fan - Ventilateur - Lüfter	50 W	11 h	31 h
Hairdryer - Séche cheveux - Fön	1000 - 2000 W	15 - 30 min	45 min - 1 h 30
SAILING - NAUTISME			
Navigation lights - Feux de navigation - Navigationslichter	24 W	30 h	80 h
Radar	24 W	30 h	80 h
Autopilot mode - Pilote automatique	60 W	9 h	30 h
GPS/Sat nav. - GPS	6 W	110 h	310 h

\* Usage duration (h) =  $\frac{80\% \times \text{Capacity (Ah)} \times \text{Optimum Efficiency (\%)} \times \text{Input DC (V)}}{\text{Power (W)}}$

MADE IN CHINA	Power	Peak power	Pure Sin Wave	Optimum Efficiency	Input DC	Output AC	Output USB (2.1) DC	max 150W	1.5mm²	2.5mm²	Universal	6m	kg	cm	L x W x H cm / kg
CONVERGYS 150	150W	300W	—	90,5%	12V	230V	5V · 2A	•	—	1.5mm²	•	—	0,5 kg	N/A	8 × 16,5 × 24,7 / 0,45
CONVERGYS 300	300W	600W	—	85%	12V	230V	5V · 2A	•	•	2.5mm²	•	—	0,95 kg	N/A	21,3 × 20 × 6,8 / 0,95
PSW 601W RC-12	600W	1200W	•	90%	12V	230V	5V · 2A	—	cables	6mm²	•	6m	2,2 kg	26,5 × 17 × 7,5	31 × 22 × 12 / 2,3
PSW 1002W RC-12	1000W	2000W	•	90%	12V	230V	5V · 2A	—	cables	10mm²	•	6m	4,7 kg	37,5 × 21 × 10	44 × 27 × 16 / 4,5
PSW 1502W RC-12	1500W	3000W	•	90%	12V	230V	5V · 2A	—	cables	16mm²	•	6m	5 kg	37,5 × 21 × 10	44 × 27 × 16 / 4,6
PSW 2002W RC-12	2000W	4000W	•	90%	12V	230V	5V · 2A	—	cables	22mm²	•	6m	6,25 kg	38,5 × 25 × 10	43 × 32 × 16,5 / 5,7
PSW 3000W RC-12	3000W	6000W	•	85%	12V	230V	5V · 2A USB-C 18W (5V/3.1A - 9V/2A - 12V/1.5A)	—	cables	18mm²	•	6m	10,7 kg	49,8 × 28,8 × 14,2	58 × 35 × 28 / 11,2
MSW 82000	2000W	4000W	—	80%	24V	230V	5V · 2A	—	cables	12mm²	•	—	5,8 kg	35 × 20 × 28	45,3 × 26,8 × 16,1 / 4,9
PSW 2002W RC-24	2000W	4000W	•	90%	24V	230V	5V · 2A	—	cables	12mm²	•	6m	6,25 kg	38,5 × 25 × 10	43 × 32 × 16,5 / 5,7
PSW 3000W RC-24	3000W	6000W	•	85%	24V	230V	5V · 2A USB-C 18W (5V/3.1A - 9V/2A - 12V/1.5A)	—	cables	18mm²	•	6m	10,7 kg	49,8 × 28,8 × 14,2	58 × 35 × 28 / 11,2

12 V CONVERGYS

CONVERGYS 150  
027022



CONVERGYS 300  
027053  
027046



12 V PURE SINE WAVE

PSW  
601W RC-12

067332  
067349



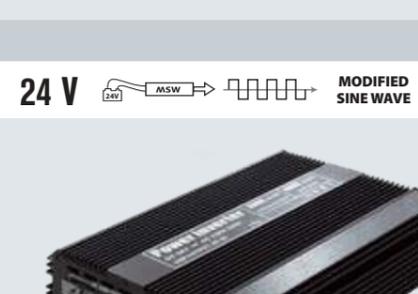
PSW  
1002W RC-12

067356  
067363



PSW  
1502W RC-12

067370  
067387



PSW  
2002W RC-12

067394  
067400



PSW  
3000W RC-12

089853

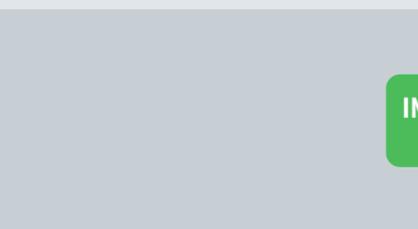


NEW  
01/2026

24 V MODIFIED SINE WAVE

MSW 82000

027237  
027244



24 V PURE SINE WAVE

PSW  
2002W RC-24

067417  
067424



PSW  
3000 RC-24

089860



NEW  
01/2026

INCLUDED FOR ALL

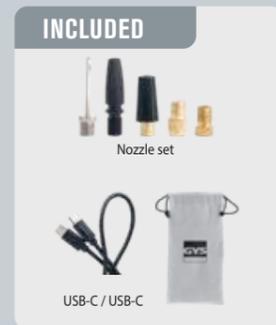




# AIR COMPRESSOR

**NOMAD AIR COMPRESSOR**  
088795

**NEW**



- 5 INFLATION MODES**
- Car (2.50 bars)
  - Motorbike (2.40 bars)
  - Ball (4.10 bars)
  - Bike (0.55 bars)
  - Favorites (1.40 bars)

Ultra light & Compact

30L/ min



- OPTION**
- 15 W USB-C Charger 087101
  - 15 W USB-C Charger 087354

NOMAD AIR COMPRESSOR	LITHIUM Battery			10 bars	INPUT USB-C: 5V/2A	OUTPUT (x1) USB-A: 5V - 2.1A	6.4 x 5.65 x 17.55 cm	0.61 kg
	CAPACITY	TYPE	FULL CHARGE					
	2.5 Ah / 27.75 Wh	Lico02	2h15					

# EV CHARGING

Rechargement EV • Laden für Elektrofahrzeuge  
• Carga de EV • Ricarica per veicoli elettrici

6 A > 32 A

RECHARGE TIME (20 to 100%)\*

Power Grid	230 V (1 ph)						400 V (3 ph)								
	6 A 1.4kW	8 A 1.8kW	10 A 2.3kW	13 A 2.9kW	16 A 3.7kW	20 A 4.6kW	6 A 4.1kW	8 A 5.5kW	10 A 6.9kW	13 A 8.9kW	16 A 11kW	20 A 14kW	32 A 22kW		
Example of battery capacity	10 kW	6h	4h30	3h30	3h	2h	1h30	1h	2h	1h30	1h	50 min	40 min	-	-
	20 kW	12h	9h	7h	5h30	4h30	3h30	2h	4h	3h	2h30	2h	1h30	-	-
	50 kW	29h	22h	18h	13h	11h	9h	5h30	9h	7h30	6h	4h30	3h	2h30	1h30
	60 kW	35h	26h	21h	16h	13h	10h30	6h30	11h30	9h	7h	5h30	4h	3h30	2h
	70 kW	40h	30h	24h	19h	15h	12h	7h30	13h30	10h	8h	6h30	5h	4h	2h30
80 kW	46h	34h	27h	22h	17h	14h	8h30	15h30	11h30	9h	7h	6h	4h30	3h	

\*Indicated values

**INCLUDED**

	075320	080676
16 A / 1 ph	✓	-
13 A / 1 ph	-	✓
32 A / 3 ph	✓	✓
16 A / 1 ph	-	✓

more input options...  
available on request

IP 65 23 x 16 x 9 cm / 46 x 20.5 x 38 cm / 6 kg



**SUPER PRO SMART EV CHARGE**

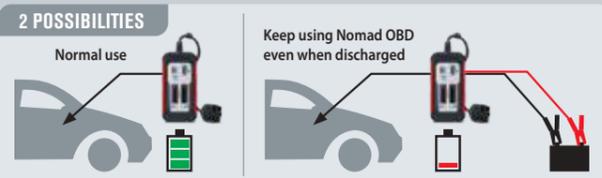
6 → 32A 1ph / 3ph

TIMER FUNCTION  
Delay start 1h → 24h

075320  
080676

# MEMORY SAVER

**NOMAD OBD MEMORY SAVER**  
085480



INSIDE	MEMORY SAVER	↑	↓
Li-ion 12V - 2 Ah	OBD < 4 A < 4 A	14.5 x 7.2 x 3.5 cm	515 g

## Connected to booster

**CABLE OBD**  
- Câble OBD  
- Kabel für OBD



MEMORY AUTO SAVE CABLE OBD  
Fuse 7,5 A - 1,5 m  
054202



	IP	U <sub>1</sub>	I <sub>1</sub>	P	⚡	🚗	🚚	↔	🎮
SUPER PRO SMART EV CHARGE	65	1 ph 3 ph + N	6/8/10/13/16/20/32 A	1,4 → 22kW	•	-	-	5 m	Type 2
EV CHARGING PORTABLE	66	1 ph	10 / 16 A	2,3 / 3,7kW	•	-	-		Type 2
EV CHARGING SPIRAL CABLE	66	1 ph	32 A	7,4 kW	-	•	•		Type 2
EV CHARGING STANDARD CABLES	55	1 ph	32 A	7,4 kW	-	•	•		Type 2
	55	3 ph	32 A	22 kW	-	•	•		Type 2



# EV BATTERY ACCESSORIES

EQUIPMENT FOR EV AND HYBRID APPLICATIONS - Équipements pour opérations sur véhicules électriques & hybrides - Ausrüstung für den Betrieb von Elektro- und Hybridfahrzeugen

FACE SHIELD WITH HEADBAND  
- ÉCRAN FACIAL AVEC SERRE-TÊTE  
068018



INSULATING GLOVES (T10)  
- GANTS ISOLANTS (T10)  
068025



JACKET - Veste - Jacke



98% cotton, 2% antistatic  
EN ISO 11612 A1+A2-B1-C1-E3-F1  
S (40/42) 046368  
M (44/46) 046375  
L (48/50) 046382  
XL (52/54) 046399  
XXL (56/58) 046412  
EN 1149-5  
IEC 61482-2 Class 1-4kA  
EN ISO 11611 Class 2-A1 & A2  
EN 14404 +A1 Type 2

TROUSERS - Pantalon - Hose



98% cotton, 2% antistatic  
EN ISO 11612 A1+A2-B1-C1-E3-F1  
S (40/42) 046313  
M (44/46) 046320  
L (48/50) 046337  
XL (52/54) 046344  
XXL (56/58) 046351  
EN 14404 +A1 Type 2  
EN 1149-5  
IEC 61482-2 Class 1-4kA

Working zone warning kit  
- Kit pour le balisage de la zone d'intervention  
- Kennzeichnungsset für Hochvolt-Bereiche  
064409

Red and white warning pole - Balise de signalisation rouge et blanche	x 4
Red and white bounding line - Chaîne de délimitation rouge et blanche	x 1
Sign board "Danger, working area EHV" - Pancarte de signalisation "Danger, zone de travail VEH"	x 2

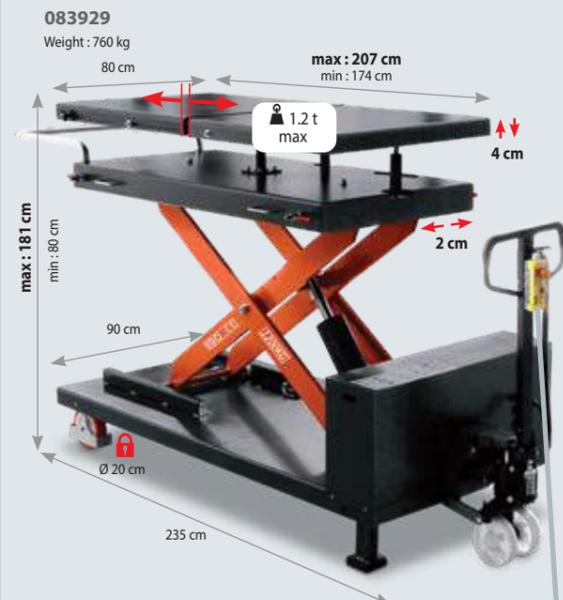


# EV BATTERY LIFT

1T MOBILE LIFTING TABLE WITH HYDROPNEUMATIC PUMP  
- Table élévatrice mobile 1 tonne avec pompe hydropneumatique - Mobilier 1-Tonnen-Hubtisch mit hydropneumatischer Pumpe



1.2T LIFTING TABLE FOR ELECTRIC VEHICLE BATTERIES  
- Table de levage 1.2T pour batteries de véhicule électrique - 1,2T Hubtisch für Elektrofahrzeugbatterien



# BATTERY LIFT

JOBSITE XL HAND TROLLEY  
039568

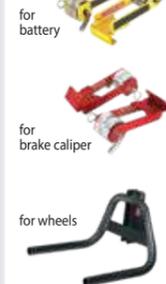
↳ 18.3 kg 66 x 47 x 20 cm / 19.5 kg



MULTITOOL TRUCK  
max 200 kg

067158  
↳ 90 kg  
↳ 123 x 79 x 39 cm / 95 kg

INCLUDED



# WORKSHOP EQUIPMENT

## ROUND STOOL WITH TOOL STORAGE

- Tabouret - Werkstatt-Rollhocker

057555  
38 x 38 x 44 cm - 5.2 kg  
⊗ 41 x 19 x 41 cm / 5.6 kg



## PLASTIC STOOL WITH TOOL STORAGE

- Tabouret en plastique avec rangements - Kunststoffhocker

085916  
3.9 kg  
⊗ 61 x 36 x 16 cm / 4.6 kg



## 3-DRAWER WORKSHOP STOOL

- Tabouret d'atelier 3 tiroirs - Werkstattthocker 3 Schubladen

079878  
47 x 35 x 43 cm / 12 kg  
⊗ 38.5 x 37 x 38.5 cm / 13 kg



## FOLDING STEP STOOLS - Marche pieds (Aluminium)

- Arbeitspodest klappbar

080041  
7.3 kg  
⊗ 100 x 39.5 x 19 cm / 8.1 kg



ALU

150 kg max

## MECHANICS CREEPER WITH TILTING HEADREST

- Chariot de visite - Werkstatt-Rollliege

057548  
102 x 43 x 11 cm / 5.3 kg  
⊗ 104 x 45 x 13 cm / 6 kg



136 kg  
(300 lbs) max

057562

7.9 kg  
⊗ 102 x 39 x 19 cm / 8.5 kg



ALU

150 kg max

## 2 IN 1 MECHANICS CREEPER

- Chariot de visite 2 en 1 - Werkstatt-Rollliege

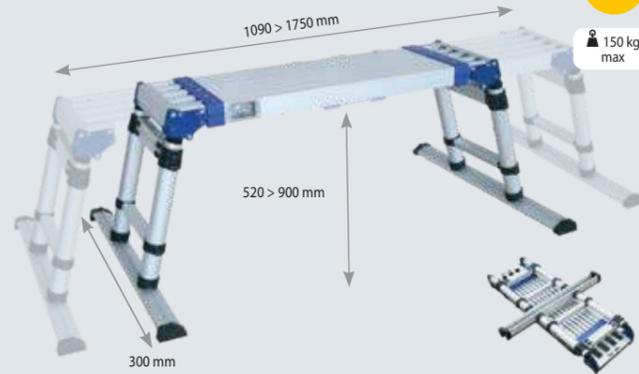
079861  
102 x 40 x 14 cm  
⊗ 40 x 13 x 63 cm - 7.6 kg



136 kg  
(300 lbs) max

058552

⌵ 113 x 41 x 16 cm / 16 kg  
⊗ 117 x 42 x 17 cm / 17 kg



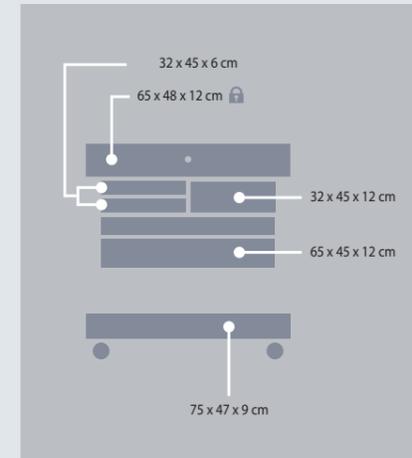
ALU

150 kg max

## WORKSTATION PREMIUM 5 DRAWERS

- Servante premium 5 tiroirs

076143  
⊕ 64 kg  
Capacity 320 kg



## PLASTIC TROLLEY 3 SHELVES

- Servante plastique 3 plateaux

087309



## WORKSTATION 3 SHELVES 1 DRAWER

- Servante d'atelier 3 plateaux 1 tiroir

088023



# ACCESSORIES

## MANUAL TOOL FOR BLIND RIVETS

- Riveteuse manuelle - Manueller Blindnietgerät

For BLIND rivets - Pour rivets POP  
- Für Blindniet

Steel / Acier Ø 3.2/4.0/4.8/6./6.4  
Alu Ø 3.2/4.0/4.8/6./6.4

061323



Made in Taiwan

## MAGNETIC COVER - Couverture magnétique - Magnetschutzdecke



1.06 m x 0.6 m  
061446

## INFRARED THERMOMETER

- Thermomètre infrarouge



Adjustable emissivity:  
0.10 ~ 1.00



079922

-50 / +600 °C  
-58 / +1112 °F

## GLOVES - Gants - Handschuhe - Guantes



Anti-cut  
- Anti coupure  
T9  
045897

EN388  
4342C



✓ touch screen friendly  
- écran tactile

High resistance anti-cut  
- Anti coupure haute résistance  
EN 420  
EN 388:4121  
T9: 045910  
T10: 045927



High dexterity anti-cut  
- Anti coupure haute dextérité  
EN 420  
EN 388:1121  
T9: 045903  
T10: 045934



Ultra Flexible

T10  
064188

EN388  
2011 X

EN420  
2003  
+A1

## HEAT COVER - Couverture anti-chaueur - Hitzeschutzdecke - Manta anti-calor - Protecção anti-aquecimento



PROTEC 550  
550°C/1000°F - Class M0  
2 m x 2 m - 580 g/m²  
050495



PROTEC 1200  
1200°C/2200°F - Class M0  
1.75 m x 1.5 m - 1200 g/m²  
050204



PROTEC 1300  
1300°C/2400°F - Class M0  
XL: 2 m x 1.8 m - 620 g/m²  
053595



PROTEC 1300L  
1300°C/2400°F  
XL: 2 m x 1.8 m - 420 g/m²  
060500

## SET OF 2 MAGNETS

- Jeu de 2 aimants  
- Schweißmagnet



(x2)  
052291

## RESPIRATORY MASKS - Masques respiratoires - Atemschutzmaske - Máscaras respiratorias



FFP3 - EN 140 / EN 143 / EN 166  
(x1) Size M/L  
037021



FFP3 - EN 140 / EN 143  
(x1) Size M/L  
037014



Étui/Case  
037045



FFP3 - EN 143 : 2000 P3  
Anti poussières  
/ Anti odeurs  
037038

# JUMPER CABLES

320 A > 1000 A

	Tractor	Car	Van	Truck	Bus
056206					
564015					
056404					
056602					
056190					
056312					
056329					
056336					
056343					
056558					
056541					
056619					

## PRO BRASS CLAMPS

BRASS CLAMPS, NON-INSULATED - Pincas laiton, non isolées - Messingklammen, nicht isoliert - Pinzas de latón, no aisladas - Morsetti in ottone non isolati



MADE IN CHINA

MADE IN FRANCE

	Amperage	Length	Clamps	Area	TYPE
056206	320 A	3 m	—	16 mm²	(CCA)
564015	500 A	3 m	—	25 mm²	(CCA)
056404	700 A	4,5 m	—	35 mm²	(CCA)
056602	1000 A	5,1 m	—	50 mm²	(100% Cu)
056190	1000 A	4,5 m	INCLUDED	50 mm²	(100% Cu)

## PRO INSULATED CLAMPS

INSULATED CLAMPS - Pincas isolées - Isolierte klappen - Pinzas aisladas - Morsetti isolate



MADE IN CHINA

MADE IN FRANCE

	Amperage	ESSENCE BENZINE PETROL	DIESEL	Length	Clamps	Area	TYPE	DIN 72553
056312	200 A	1,5l		3 m	—	10 mm²	≅ Ø Cu	—
056329	320 A	2,5l		3 m	—	16 mm²	≅ Ø Cu	•
056336	500 A	5,5l	3l	3,5 m	—	25 mm²	≅ Ø Cu	•
056343	700 A	7l	4l	4,5 m	—	35 mm²	≅ Ø Cu	•
056558	1000 A	7l	4l	4,5 m	INCLUDED	50 mm²	(100% Cu)	—

## SUPER PRO INSULATED CLAMPS



MADE IN FRANCE

	Amperage	Length	Area	TYPE	Amperage	Length	Area	TYPE
056541	700 A	4,5 m	35 mm²	100% Cu	056619	1000 A	5 m	50 mm² 100% Cu

# ACCESSORIES



Current clamp  
- Pince  
ampéremétrique  
- Strommesszange  
400 A  
053991  
600 A  
053984

## CLAMPS - Pincas - Klemmen - Pinzas - 充电夹

	40A	60A	200A	300A	600A	650A	700A	850A	1000A	300A	600A
I <sub>100%</sub>	30A	60A	100A	200A	120A	120A	120A	170A	200A	-	-
I <sub>peak</sub>	75A	150A	200A	300A	600A	650A	700A	850A	1000A	-	-
max	↔ 30 mm	↔ 25 mm	↔ 38 mm	↔ 45 mm	↔ 40 mm	↔ 35 mm	↔ 28 mm	↔ 44 mm	↔ 55 mm	↔ 38 mm	↔ 38 mm
max	2.5 mm <sup>2</sup>	16 mm <sup>2</sup>	16 mm <sup>2</sup>	25 mm <sup>2</sup>	35 mm <sup>2</sup>	25 mm <sup>2</sup>	25 mm <sup>2</sup>	35 mm <sup>2</sup>	70 mm <sup>2</sup>	50 mm <sup>2</sup>	95 mm <sup>2</sup>

053106	071896	071889	053502	053403	053700	053601	053779	053786	055551	055544	025783	025776	053816	053793	025769	025752	038059	038066

## CABLE LUGS - Cosses - Terminal Kabelschuhe - Kabelschoen

	16 mm <sup>2</sup> M10 ×10	038219		25 mm <sup>2</sup> M10 ×10	038226		35 mm <sup>2</sup> M14 ×10	038233		50 mm <sup>2</sup> M14 ×10	038240		75 mm <sup>2</sup> M16 ×10	038257		25 mm <sup>2</sup> M5 ×100	047525		35 mm <sup>2</sup> M6 ×100	047532		50 mm <sup>2</sup> M10 ×100	047549		70 mm <sup>2</sup> M10 ×100	047556		95 mm <sup>2</sup> M10 ×50	047570
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## CABLES EN 60245-6/H01N2-D (Rubber - Caoutchouc)

EN 60974-9	⊙	↔ L	A (60%)	A (35%)	
16 mm <sup>2</sup>	100 m	046252	121	131	
		↔ x m			046207
	5 m	045408	165	185	
		↔ x m			046603
	25 mm <sup>2</sup>	100 m	046702	211	243
		↔ x m	046405		
35 mm <sup>2</sup>	100 m	046801	275	323	
	↔ x m	046757			
50 mm <sup>2</sup>	100 m	046832	351	419	
	↔ x m	046863			
70 mm <sup>2</sup>	100 m	046863	433	527	
	↔ x m	046863			

## HIGH FLEXIBILITY ELECTRICAL CABLES

	⊙	↔ L	A (60%)	A (35%)
10 mm <sup>2</sup>	100 m	054882	88	92
		056107		
16 mm <sup>2</sup>	100 m	054905	120	130
		056121		
25 mm <sup>2</sup>	100 m	054929	164	184
		056145		
35 mm <sup>2</sup>	100 m	054943	210	240
		056169		
50 mm <sup>2</sup>	100 m	054967	273	320
		056183		
70 mm <sup>2</sup>	50 m	056565	310	380
		056565		

## DINSE CONNECTORS - Connecteurs Texas - Stecker - Conectores

	I <sub>A max</sub>	⊙ mm <sup>2</sup>	⊙ mm	⊙ mm	Compatibility	Ref.
	200	10/25	14	9	CM 25.14, CF 25.14	x1 045507
	300	35/50	21	13	CM 50.21, CF 50.21	x1 045606
	400	50/70	21	13	CM 70.21	x1 047488
	200	10/25	14	9	CF 25.14	x20 045668
	300	35/50	21	13	CF 50.21	x10 045613
	400	50/70	21	13	CF 70.21	x5 045750
	500	70/95	24	13	CF 95.24	x5 047495
	200	10/25	14	9	CM 25.14	x30 045651
	300	35/50	21	13	CM 50.21	x10 045620
	400	50/70	24	13	CM 70.21	x5 045736
	500	70/95	24	13	CM 95.24	x5 072374

## ANTI-ARC PROTECTION



## ACIDIMETER (PH METER)



## ADJUSTABLE BATTERY CARRIER



## BATTERY TERMINAL CLEANING BRUSH



## QUICK CONNECTORS



## FUSES - Fusibles - Sicherungen - Fusibles - 保险丝

	6.3A 054578		10A 056527		10A 054530		15A 054493		20A 054509		25A 054516		30A 054523		40A 054554		100A 054486		100A 054394		150A 027930		200A 054547		250A 055568		300A 054561		40A 054646		50A 054622		80A 054653		125A 054585		150A 054639
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## BATTERY TERMINAL - Cosses batterie - Polklemmen - Terminales bateria - 电池端子

	⊙ 10 mm / 35 mm <sup>2</sup>		⊙ 13 mm / 50 mm <sup>2</sup>		⊙ 16 mm / 70 mm <sup>2</sup>	
054400	x25 054431	x25 054332	x25 054417	x25 054356	x25 054370	x25 054387

	67 W Fast USB-C Charger ✓ Nomad Power PRO 901 FC 087132
	15 W USB-C Charger ✓ Nomad Power 401 / 501 ✓ Nomad Power PRO 701 / PRO 801 / PRO 901 FC 087101
	15 W USB-C Charger ✓ Nomad Power 401 / 501 ✓ Nomad Power PRO 701 / PRO 801 / PRO 901 FC 087354

## SOLAR POWERED CHARGER WITH ACCESSORIES - Kit solaire de maintien de charge avec accessoires - Solarpanel zur Ladeerhaltung mit Zubehör - Kit solar de mantenimiento de carga



## SOLAR PANEL - Panneau solaire - Solarpanel - Panel solar



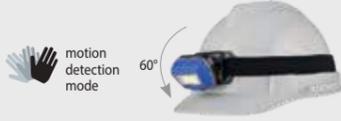
**INSPECTION LAMP - Lampe inspection - Inspektionslampen**

**FRONTAL INSPECTION LAMP 280 L**  
100-280 lumens

3 W COB LED  
80 CRI+, 6500 K  
3.7 V - 1500 mAh Li-po  
micro USB charging  
**operating time**  
High position : 2 h  
Low position : 6 h

IP 65 / 7.8 x 4.7 x 4.2 cm  
40 x 8.8 x 5.5 cm / 200 g

060845



**HANDS-FREE TORCH 360 L**  
180-360 lumens

3.7 V - 2200 mAh Li-ion  
Charging time: 3.5 h  
**operating time**  
High position : 3 h  
Low position : 6 h

26 x 15.9 x 2.5 cm  
3.5 x 30 x 16 cm

088559

**NEW**



**PORTABLE LAMP 400 L**  
400 lumens

COB LED  
Li-ion  
Charging time : 8h  
**operating time**  
High position : 2.5 h  
Low position : 5 h  
Top light (1 W) : 6 h

23 x 6.5 x 4 cm / 480 g  
13 x 7 x 23.5 cm

059153



**INSPECTION LAMP MINI 350 L**  
0-350 lumens

COB LED  
3.7 V - 1100 mAh Li-ion  
USB charging (3 h)  
**operating time**  
3 > 6.5 h

IP 20

075894

50 lumens

120 lumens

350 lumens

146 mm

279 mm

Aluminium Body

**INSPECTION LAMP PRO 800 L**  
120-800 lumens

COB LED  
3.7 V - 2600 mAh Li-ion  
USB charging (4 h)  
**operating time**  
2.5 > 9 h

IP 54

075900

120 lumens

120 / 400 lumens

150 / 800 lumens

162 mm

304 mm

Aluminium Body

**AUTOMOTIVE BATTERIES**

Batteries de démarrage - Starterbatterien - Baterías de arranque  
- Automotive accu's - Baterias de Automóvil - Motoskopie  
- аккумулятор - Пусковые батареи - 汽车启动电池

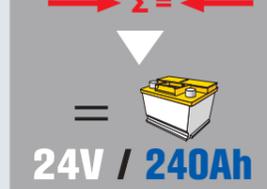
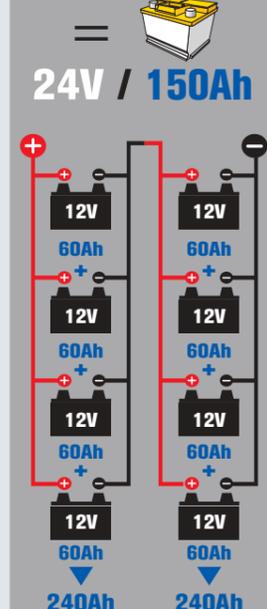
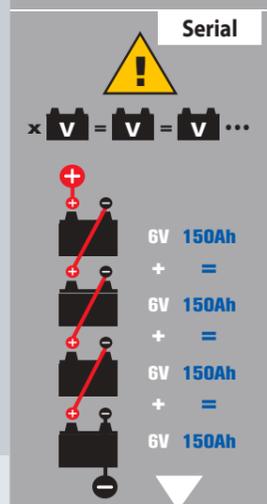
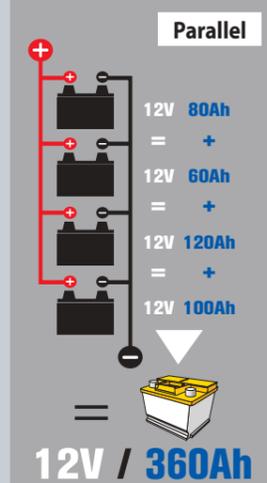
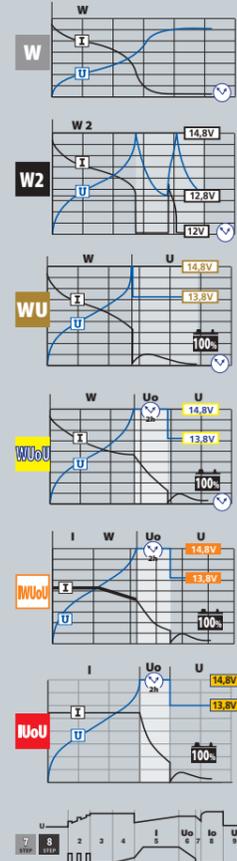
Curves	Pb* (except gel)	Pb* (incl. gel)	Battery overcharged protection	100% charged	Maintenance	Battery desulphation	Fast Charge	Fast Charge ++
W	✓	-	-	✓	-	-	-	-
W2	✓	-	✓	-	-	-	-	-
WU	✓	-	✓	-	✓	-	-	-
WUoU	✓	✓	✓	✓	✓	-	-	-
IWUoU	✓	✓	✓	✓	✓	✓	✓	-
I REGULATED IWOu FAST CHARGE	✓	✓	✓	✓	✓	(except Artic)	✓	✓
7 STEP GYSFLASH Pb	✓	✓	✓	✓	✓	✓	✓	✓

\* Pb - AGM / EFB / VRLA / Liquid / SLI / SLA / Calcium...

GYSFLASH Lithium

8 STEP Li-ion    8 STEP LiFePO<sub>4</sub>    9 STEP Li-ion    9 STEP LiFePO<sub>4</sub>

LiFePO<sub>4</sub> / Li-ion / Li-Po / NMC / LCO / MCO / NCA...



**UNDER BONNET LAMP - Lampe sous capot - Leuchte für Motorhaube**

**UNDER BONNET LAMP 600 L**  
500-1000 lumens

120 COB LED  
3.7V - 4000 mAh Li-ion  
charging time : 10/12 h  
**operating time**  
High position : 4 h  
Low position : 8 h

26 x 10 x 10 cm  
2.3 kg  
23.5 x 12 x 69.5 cm

059962

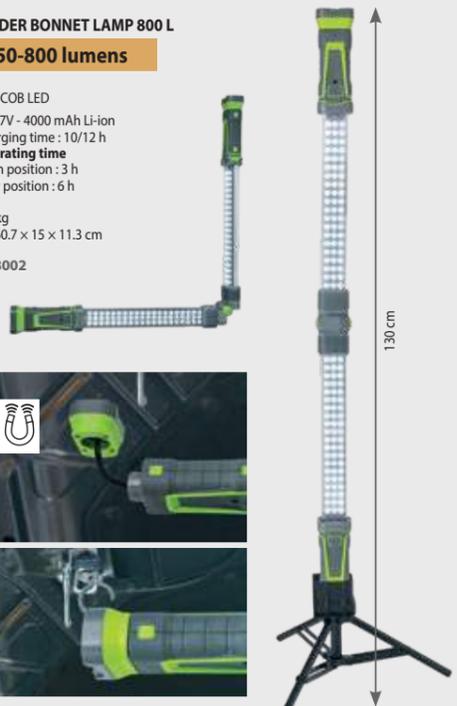


**UNDER BONNET LAMP 800 L**  
250-800 lumens

120 COB LED  
3.7V - 4000 mAh Li-ion  
charging time : 10/12 h  
**operating time**  
High position : 3 h  
Low position : 6 h

2 kg  
60.7 x 15 x 11.3 cm

058002



**WORKLIGHT WITH TRIPOD - Projecteur sur trépied - Arbeitsleuchte mit Standfuß**

**TRIPOD LAMP 3000 L**  
3000 lumens

35 W COB LED  
2 m power cord  
IP 44  
4.1 kg  
103 x 21.5 x 10 cm

059979



**TRIPOD LAMP 4000 L**  
4000 lumens

3 x 20 COB LED, total 60 LED  
3 m power cord  
6.4 kg  
22 x 16 x 116 cm

059986



**MARKETING**



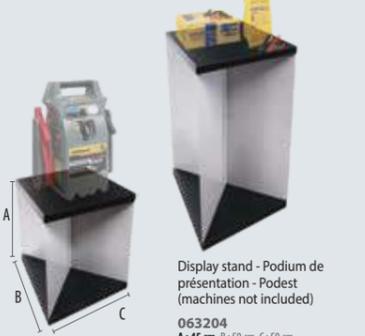
Catalogs and posters available for download on our website [www.gys.fr](http://www.gys.fr)



A - Marquee 3 x 3 m 098022

B - Open Marquee 2 x 2 m 098039

C - Banner 3 x 0,50 m 098015



Display stand - Podium de présentation - Podest (machines not included)

063204 A: 45 cm, B: 50 cm, C: 50 cm  
063211 A: 80 cm, B: 50 cm, C: 50 cm



Retail display space with 2 shelves - Linéaire de vente avec 2 étagères - Lochwandregal mit 2 Böden (machines not included) 060784



Type	FA1	FA2	SB1
complete - complet - komplett	062429	062443	061149
without display stand - sans linéaire - ohne Regal	062436	062450	062412



INVEST IN THE FUTURE

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