

# GYSFLASH 100.12 HF

2.5 m: Ref. 029071 / ref. 029453   
5 m: Ref. 029415 / ref. 029002 

The GYSFLASH 100.12 HF is a high-performance 100 A charger with inverter technology. Designed to keep a 12 V lead-acid or lithium battery at a perfectly stable voltage, it preserves the health of a vehicle's battery during showroom demonstrations. It also delivers the best charging cycle recommended for the maintenance of the most advanced vehicles on the market.

## 5 OPERATING MODES

- **Charge:** for 12 V lead-acid or lithium batteries (LFP) from 5 to 1200 Ah.
- **Showroom:** ensures compensation of current when using the electrical resources of a demonstration vehicle. It also optimises the charging process of the battery.
- **Diagnostic:** supports the 12 V batteries of vehicles undergoing diagnostics in workshops, up to 100 A.
- **Battery change:** compensates for the electrical requirements of the vehicle to prevent the loss of memory and data during battery replacement.
- **Power Supply mode:** allows the charger to be used as a high-power stabilised power supply, with adjustable regulated voltage and maximum current.



Supplied with cables

2.5 - 16 mm <sup>2</sup>	029071	029453 
5 m - 16 mm <sup>2</sup>	029415	029002 

## AUTOMATIC CHARGING

- Extends the life and performance of Lead (gel, AGM, liquid, calcium, etc.) and Lithium (LFP) batteries.
- Specific **7 step** charging curve (lead battery) or **8 step** (lithium-iron phosphate battery) without supervision.
- Recovers deeply discharged batteries >2 V (automatic SOS Recovery).

## ADVANCED FUNCTIONS

- The «**Auto Restart**» function means that the charger will memorise the settings in case of a power cut, and restart automatically.
- **Control and calibration of the cables**, the charger can accommodate cables of up to 8 m and 16 mm<sup>2</sup>.
- **Lockable**, prevents any risk of accidental or improper operation, ideal for garages and exhibition centres.
- **Easy charging profile** for simplified recharging of all lead-acid batteries.
- An «Expert» charging curve can be enabled, allowing you to define your own charging parameters.

## ULTRA-SAFE

- **Protects the on-board electronics of the vehicle:** short circuit, reverse polarity and overload protection. Spark prevention system.
- **Replaceable fuse** which protects against operating errors.
- **Temperature sensor** to prevent internal electronics overheating.



Intuitive interface available in 22 languages

## ERGONOMIC

- **Durable case** with shock and vibration absorbing feet.
- **Low profile** (10.5 cm) allowing the charger to be positioned under a vehicle.
- No external ventilation for **low-noise operation**, and reduced dust ingress.

## ACCESSORIES



Wall-mounted shelf  
055513



Carry case  
060432



IP67



**Anderson/Clamps**  
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



**Anderson/NATO**  
2.5 m - 16 mm<sup>2</sup> 026810



**Anderson/Rema 160 A**  
5 m - 16 mm<sup>2</sup> 069091



**Anderson/Anderson 175 A**  
5 m - 16 mm<sup>2</sup> 069107



**Anderson<->Texas**  
0.2 m - 16 mm<sup>2</sup> 055902  
1 m - 16 mm<sup>2</sup> 028791

																	
50 / 60 Hz		Icharge	12 V	Charge	Zz	Ondulation/ Ripple	Charging curve	40°C @100%	25°C @100%				SOS recovery	IP	A		
185-265 V	1600 W	100 A	12 V	20 < 1200 Ah	<0.2 Ah/ month	<150 mV Rms	I <sub>U<sub>0</sub></sub> I <sub>U</sub>	8 step (Pb) 7 step (LiFePO4)	66 A	75 A	2.5 m 5 m	7.4 kg 8.3 kg	320 x 105 x 292 mm	Automatic >2V	IP 21	125 A	2.5 m