

Designed specifically to be mounted on a wall or a lift platform, the upright GYSFLASH 103.12 CNT FV is a high power, 100 A charger equipped with inverter technology. It allows a 12 V, lead or lithium battery (standard lithium-ion and lithium iron phosphate) to be maintained at a perfectly stabilised voltage during the diagnostic phases. It also guarantees high-quality charging for maintaining even the most advanced vehicles. Its USB connection means that it can be fully customised.

## FOUR OPERATING MODES

- **Charging:** for 12 V, lead or lithium batteries between 20 - 1,200 Ah.
- **Diagnostics :** supports vehicles' batteries, up to 100 A, during diagnostics in maintenance workshops.
- **Showroom :** ensures current compensation when using a demonstration vehicle's electrical equipment. It also manages the battery's optimal state of charge.
- **Testing :** monitors the battery's voltage and evaluates the starting system (starter and battery) as well as the condition of the vehicle's alternator.

## 100% INTERNET CONNECTED

- Add, delete or edit charging modes and profiles via the USB key.
- Import predefined configuration files perfectly tailored to the current charging tasks.
- Recover history and charging data from a USB key and analyse it in a spreadsheet.
- Connect additional modules (printer, bar-code reader, etc.) using the smart module connection (SMC).

## AUTOMATIC CHARGING

- Extends the life and performance of lead-acid batteries (gel, AGM, liquid and calcium, etc.) as well as lithium batteries (standard lithium-ion and lithium iron phosphate).
- Featuring a specialised, **eight-stage** (lead) or **nine-stage** (lithium) charging curve that can be used autonomously.
- Recovers deeply discharged batteries (> 2 V) with its automatic SOS Recovery stage.

## TECHNOLOGIES & ADVANCED FEATURES

- **FV Flexible Voltage**, the charger operates at a supply voltage of 85-265 V.
- The **'Auto-Detect'** feature automatically starts the charging process when a battery is connected to the charger.
- The **'Auto-Restart'** feature comes into action in the event of a power failure and saves the current settings.
- **Controls and calibrates cables**
- **Its locking mechanism** prevents tampering making it ideal for garages and exhibition halls.
- Up to **12 different charging modes** available, including an 'Easy' mode for a simple way to charge all lead-acid batteries

## ULTRA-SECURE

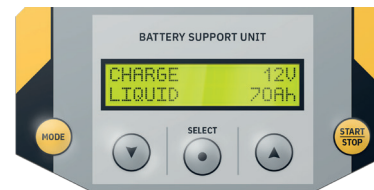
- **Preserves the vehicle's on-board electronics:** featuring short-circuit, reverse-polarity and overload protection Anti-spark system
- **Interchangeable fuse** protects against operating errors
- **Temperature sensor** prevents the internal electronics from overheating

## USER FRIENDLY

- Compact and robust casing with a cable reel on the front
- Shock- and vibration-absorbing pads
- Wall mounting with optional magnetic rail system (MagnetFix 50)



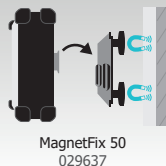
Comes supplied with:



Simple-to-use HMI  
available in 22 languages



## OPTIONAL Extras



Anderson Cable > Clamps  
056503 - (2.5 m, 16 mm<sup>2</sup>)  
056572 - (8 m, 16 mm<sup>2</sup>)



Anderson Cable > NATO  
026810 - (5 m, 16 mm<sup>2</sup>)



Anderson Cable > Texas  
055902 - (0.2 m, 16 mm<sup>2</sup>)  
028791 - (1 m, 16 mm<sup>2</sup>)



Anderson Cable > REMA  
069091 - (5 m, 16 mm<sup>2</sup>)



Anderson Cable >  
Anderson cable 175 A  
069107 - (5 m, 16 mm<sup>2</sup>)



NATO connection  
026780

50/60 Hz		V	I max	25°C @100%	40°C @100%	Charge	START MINI	IP	V L	mm <sup>2</sup>	SHOWROOM CONNECT	kg	cm	L x W x H cm / kg
220 > 240 V	1600 W	2,5 m	12 V	230 V : 100 A	230 V : 75 A	20 > 1200 Ah	1 V	21	5 m	16	ø M6	5,8	34,4 x 29,1 x 12	41 x 39 x 22,5 / 9,2
100 > 127 V	800 W			110 V : 50 A	110 V : 50 A									