

12 V

The GYSFLASH S 1.12 PL (1 A) is an advanced battery charger designed specifically to recharge 12 V lead and lithium-iron phosphate (LiFePO<sub>4</sub>) batteries. It offers two separate smart-charging programs to guarantee the best performance out of each and every battery. Ideal for motorcycles, jet skis, go-karts and lawnmowers, this device is equipped with a Type-C plug to meet the stringent Brazilian safety standards.

## DUAL TECHNOLOGY: LEAD & LITHIUM

### • Two charging modes custom-designed for 12 V batteries:

- Pb** : Between 2 - 32 Ah and up to 100 Ah for load holding.
- LiFePO<sub>4</sub>** : Between 0.5 - 20 Ah and up to 50 Ah for load holding.

### • Boasting a special ❄️ winter mode and an AGM mode for lead batteries:

- Specific charging process in extreme cold weather conditions (< 5°C).
- Optimal charging for Start & Stop (AGM) batteries.

### • 'CAN bus' compatible for motorcycles with a 12 V socket: safe to leave unattended while charging without an ignition key (optional cable).

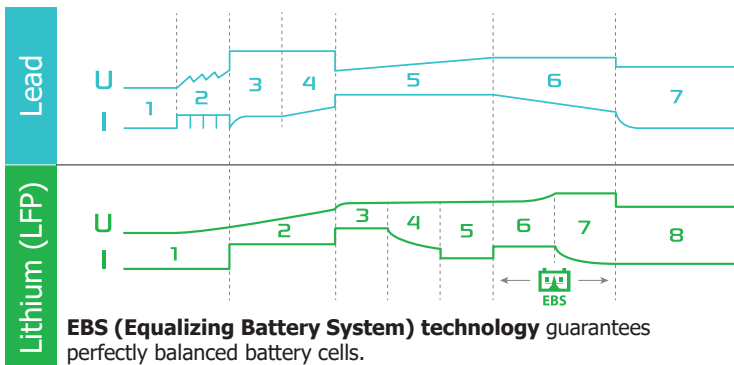
### • Load holding, this equipment can remain connected to the battery indefinitely during winter storage to ensure that the vehicle will start smoothly.

The "Auto Restart" feature remembers specific user settings in case of a power outage.



## 100% AUTOMATIC CHARGING

- Extends the life and performance of lead batteries (AGM, gel, liquid and calcium, etc.) as well as lithium (LFP) batteries.
- Battery charging from 7 V.



Custom designed, **seven-stage** load curve that can safely be left unattended.

Specialised, **eight-stage** load curve designed to be left unattended.

"**UVP Wake Up**" feature: allows a battery in protection mode to be reactivated following a deep discharge and also automatically starts the recharging process.

\*UVP: Under Voltage Protection

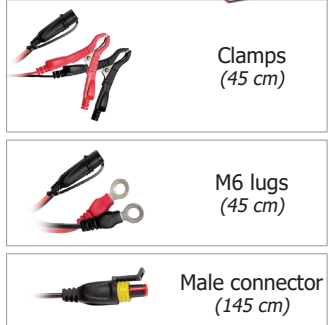
## ULTRA-SAFE

- **Protects the vehicle's on-board electronics:** offering short-circuit, reverse-polarity and overload protection. Anti-spark system.
- **The device goes into automatic standby mode if the battery is disconnected.**
- **It** boasts an in-built temperature sensor to prevent the internal electronics from overheating.
- Its **simplified interface** helps to avoid user errors.

## USER-FRIENDLY

- Designed to be compact, lightweight and portable.
- Quick coupling with a connector that is both quick and watertight.
- The casing is fully sealed against dust and liquids (IP65).
- Can be wall mounted.

Comes supplied with:



50 / 60 Hz	⚡	I <sub>charge</sub>	V	Load	Maintenance	Zz	Ripple	Load curve	kg	mm	mm	SOS recovery	IP	↔
100 - 127 V AC	20 W	1 A	12 V	Pb 2 < 32 Ah	2 < 100 Ah	< 0.4 Ah / month	< 150 m V Rms	IU <sub>0</sub> U	0.7	170 x 90 x 51	195 x 365 x 70	Automatic > 7 V	IP65	2 m
				LiFePO <sub>4</sub> 0.5 < 20 Ah	0.5 < 50 Ah			7-stage						
								8-stage						