

The GYSFLASH 1.12 PL (1 A) is an advanced charger designed to recharge 12 V Lead and Lithium-Iron Phosphate batteries (LiFePO4). It features 2 distinct intelligent charging programs that guarantee the performance of each battery technology. Ideal for motorcycles, jet skis, karts and lawnmowers.

## DUAL TECHNOLOGY: LEAD-ACID & LITHIUM

### • 2 charging modes for 12 V batteries:

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

### • Special winter mode ❄️ / AGM for lead batteries:

- Specific load in case of extreme cold (< 5°C.)
- Optimal mode for Start & Stop batteries (AGM).

• **CAN BUS compatibility** for motorbikes equipped with a 12V socket : charges automatically (no monitoring required) and safely without the key in the ignition (optional cable).

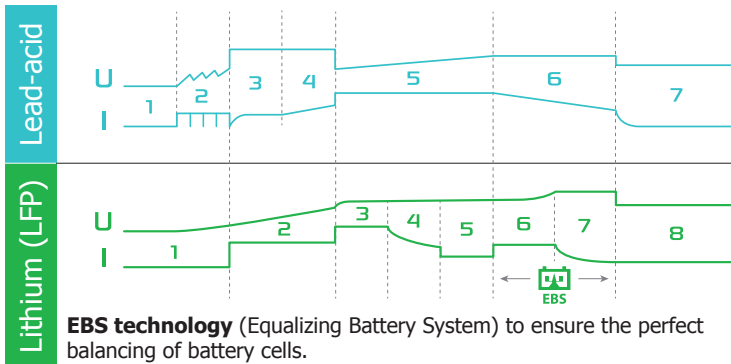
• **Maintenance charge**, the charger can remain indefinitely plugged during winter to maintain the battery charged.

• **The «Auto Restart» function** means that the charger will memorise the settings in case of a power cut and restart automatically.



## 100% AUTOMATIC CHARGE

- Extends the life and performance of Lead (gel, AGM, liquid, calcium, etc.) and Lithium (LFP) batteries.
- Battery charging from 7 V.



Specific charging curve in 7 steps without supervision.

Specific charging curve in 8 steps without supervision.

**«UVP\* Wake up» function:** reactivates a battery in protection after a deep discharge and automatically starts the charge.

\*UVP : Under Voltage Protection

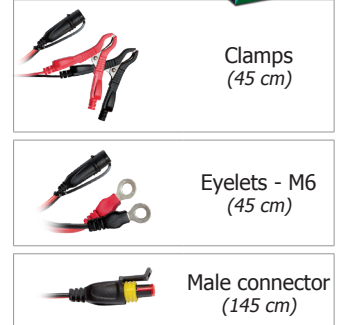
## SAFETY

- Protection of the vehicle's on-board electronics: protection against short circuits, polarity reversal and overcharging. Spark prevention system.
- Automatic stand-by mode if the battery is disconnected.
- Integrated temperature sensor to prevent internal electronics' overheating.
- Simplified interface to prevent user errors.

## ERGONOMICS

- Compact design, light and portable.
- Connection with quick and waterproof connector.
- Case completely sealed against dust and liquids (IP65).
- Can be wall mounted on a wall.

Supplied with:



50 / 60 Hz	⚡	I <sub>charge</sub>	V	Charge	Maintenance	Zz	Ondulation/ Ripple	Charging curve	Step	kg	mm	mm	SOS recovery	IP	↔
220-240 V AC	20 W	1 A	12 V	Pb 2 < 32 Ah	2 < 100 Ah	<0,4 Ah/month	<150 mV Rms	IU <sub>0</sub> U	7 step 8 step	0,7	170 x 90 x 51	195 x 365 x 70	Automatic >7V	IP 65	2 m
				LiFePO <sub>4</sub> 0,5 < 20 Ah	0,5 < 50 Ah										