



## YPOWER

### CHARGER TEMPERATURE PROBE

**REFERENCES:** STP-NEW-2.8 (SEEL016037) and STP-NEW-5.0 (SEEL016807)

#### 1) OVERVIEW

- STP-NEW-2.8 and STP-NEW-5.0 probes compensate the charging voltage according to the battery local ambient temperature.

Charger type	Temperature compensation
12V charger	-18mV/°C
24V charger	-36mV/°C



Temperature probe



Extension cable  
(STP-NEW-5.0 only)

- This option is fitted with a probe, 2.8 meters cable with MSTB 2.5/2 ST 5.08 connector and 2 collars. STP-NEW-5.0 offers an extension cable of 2.2 meters, 2 collars, 1 connector MSTB 2.5/2 ST 5.08 and 1 connector IC 2.5/2 ST 5.08 that extend the total length to 5 meters.
- This document is intended for users, installers and equipment maintenance staff. Please read this document and the battery charger user manual carefully before working on the material.

#### 2) USING

- Before any handling, the charger must be disconnected from AC power network and batteries.
- Connect the end of the probe with the MSTB 2.5/2 ST 5.08 type connector on the TEMP.SENSOR charger terminal.
- Place the other end of the probe (captor) in the battery local; fix it on the battery cable with the supplied collar (fix the collar at 10cm from the end of the probe).
- Check if everything is well connected and connect the charger on the batteries and AC power network.

#### 3) PRECAUTIONS

- The temperature probe has to be prevented from any mechanical deterioration and liquids.
- For the well functioning of the charger, please respect the proceedings above described.
- The probe must be only used with YPOWER battery chargers.
- Any failure to comply with the rules for installation and operation, or any modification of the original probe could deteriorate the battery charger, and therefore cancel the manufacturer's warranty.