

BATTERY CHARGER "S" TYPE 1,5A - 2,5A - 5A - 8A

The battery charger allows to optimize and to maintain the charger of a set of batteries, ensuring its efficiency and long life.

Innovation and good performance are the philosophy used for the study and the production of a line of «battery charger», whose features have to meet the most different requirements.

The design and the rugged materials have the main purpose to provide reliable products.

The automatic battery chargers "S" type are available in different versions and currents. Thus, they can well fit with the most common types of batteries (lead and nickel/cadmium) considering the different issues.

Operation features

The battery charger is composed by a compact single block arranged for wall mounting, completed with transformer and electronic control part, with dissipator components, charge modulation, LEDs for visual display of running status.

It allows a charge with constant current and variable voltage. Once the value of rated voltage is reached, it's activated a gradual current variation and a battery charging with constant voltage at that value.

Modulation of power to charge the battery is carried out through controlled diodes which shunt the transformer secondary winding (for battery charger 1,5A – 5A – 8A), through power transistor (battery charger 2,5A).

Electrical features

| | |
|----------------------|--|
| Supply voltage: | 230V AC 15% 50-60Hz |
| Battery voltage: | 12 – 24VDC |
| Rated current: | 1,5A - 2,5A – 5A - 8A |
| Working temperature: | - 20 / +80° C - Installation in an proper ventilated environment |
| Type of batteries : | Lead battery and Nichel-Cadmium battery |
| Charge: | 2,18V - 1,40V |

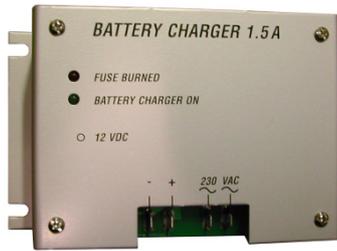
| TYPE | VOLTAGE | CURRENT | Dimensions (mm) | | |
|--------------------------|---------|---------|-----------------|------|-------|
| | | | LARGE | HIGH | DEPTH |
| E610126510000 | 12V | 1,5A | 170 | 75 | 106 |
| E610126810000 | 24V | 1,5A | 170 | 75 | 106 |
| E610110510000 | 12V | 2,5A | 210 | 135 | 100 |
| E610112010000 | 24V | 2,5A | 210 | 135 | 100 |
| E610201221200 (*) | 12V | 5A | 180 | 135 | 110 |
| E610201220001 | 24V | 5A | 180 | 135 | 110 |
| E610201220300 | 12V | 8A | 180 | 135 | 110 |
| E610201221201 | 24V | 8A | 180 | 135 | 110 |

REFERENCE STANDARD SPECIFICATION

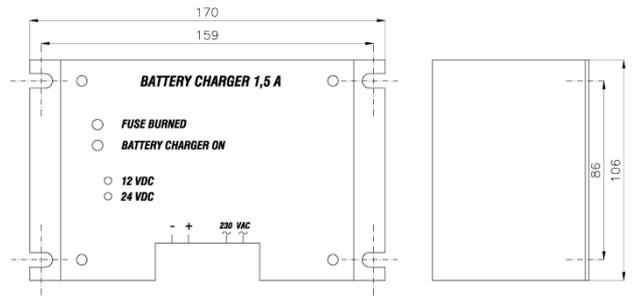
EN61204-3 Low voltage power supplies, d.c. output — Part. 3: Electromagnetic compatibility (EMC)

EN61000-3-2/AM Electromagnetic compatibility (EMC) — Part. 3-2: Limits - Limits for harmonic current emissions (equipment input current <= 16A per phase)

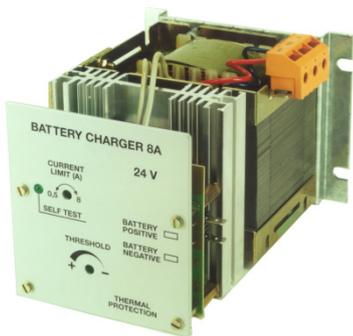
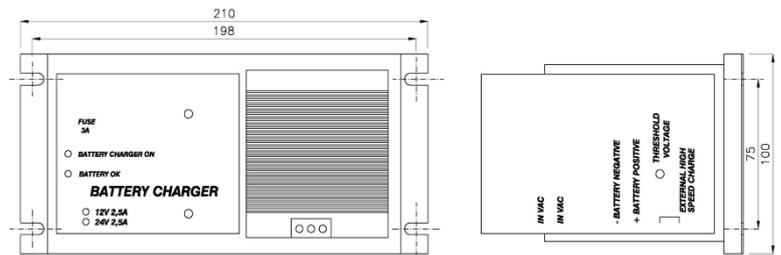
(*) the battery charger "S" 5A/12Vcc is produced no more. In case of replacement of this type of battery charger, we suggest to ude the battery charger "S" 8A/12Vdc or 5A/12Vdc SWITCHING TYPE



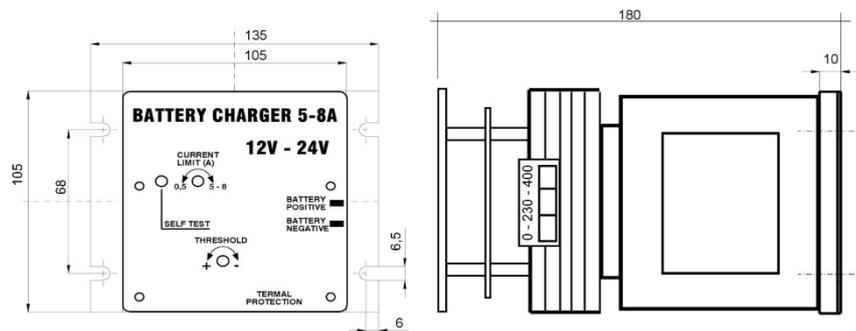
Battery charger 1,5A



Battery charger 2,5A



Battery charger 5A and 8A.



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