



Description

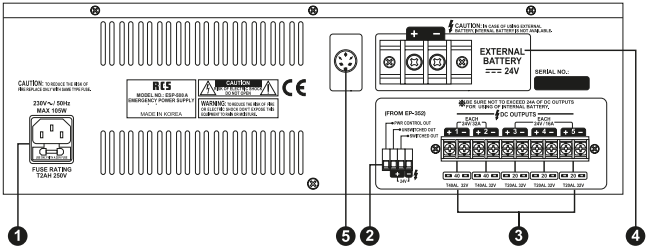
This emergency power management ESP-500A was developed for danger alarm devices, which have to be in accordance with the international standard IEC 50849. Any kind of error will be indicated and announced via a signal buzzer, a buzzer or LED.

Please consider the following features:

- Output-fuse monitoring with notice of malfunction in order to ensure automatic alarm in case of emergency power usage.
- Monitoring of the accumulator connection to signal in case an accumulator is missing or disconnected.
- Acoustic and optical error message directly on the device in addition to the accumulative alert output.
- Charging status display and LED with division into a percentage.
- Protection against polarity reversal and protective circuit against overcharging and excess voltage regarding the charging batteries.
- Integrated reverse charge protection for 24 V charging batteries (in case the storage battery voltage drops below the given minimum value with regard to DC operation, the automatic DC commutation will be deactivated).
- Two 24 V outputs with each 32 A and three 24 V outputs with each 16 A.

★

Rear view



- 1 Power- and low power jack
- 2 Power control unit (here a deactivation of an automatic commutation to DC power is possible for maintenance purposes)
- 3 24 V DC connecting clamp for emergency power supply of the amplifier
- 4 Screw terminal in order to connect any external battery
- 5 Failure announcement contact

Technical data	ESP-500 A
End-of-charge voltage	approx. 27,3 V DC
Charging current	2,5 A
Power consumption	105 W
Power supply	230 V
Battery capacity	27 Ah (BA-052); 42 Ah (BA-080) possible power with BA-080 e.g: 4x 240 W or 2x 480 W
Dimensions (W x H x D)	483 x 133 x 350 mm, 3 RU
Weight	12 kg

Model designations

Automatic Charger, (3 RU) with emergency power management compliant to IEC 50849.	ESP-500 A
Lead Acid Battery-Set, for external operation (42 Ah)	BA-080