

UESP-500A

MONITOR UNIT

This emergency power management UESP-500A was developed for danger alarm devices, which have to be in accordance with the international standard IEC 60849. Any kind of error will be indicated and announced via a signal buzzer, a buzzer or LED



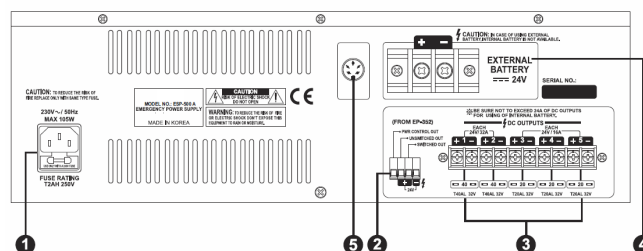
FEATURES

- 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.

SPECIFICATIONS

| | |
|------------------------|---|
| Battery capacity | 27 Ah UBA-052, 42 Ah UBA-080, Possible power with UBA-080 e.g.: 4 x 240 W or 2 x 480 W |
| End-of-charge voltage | 27,3 V DC |
| Charging current | 2,5 A |
| Power supply | 230 V AC |
| Power consumption | 105 W |
| Dimension (W x H x D) | 483 x 133 x 350 mm (3 RU) |
| Weight | Approx 12 kg |
| Approvals / Compliance | CE |

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