



Touch screen graphic display with a user friendly interface

**Order code:** 30068-M/E1  
**Description:** EPS 2KVA 1P 3H  
**Battery:** 40 x 12V 28Ah

**EPS Beghelli - Emergency Power Supply** is designed in compliance with standard EN 50171 and is therefore the ideal solution for installation in buildings subject to fire safety regulations and in particular for the power supply of emergency lighting systems.

#### Technical Data:

|   |  |
|---|--|
| Nominal Power:                                | 2kVA (1.8kW)                             |
| Input Voltage:                                | 220 / 230 / 240 V single-phase + N       |
| Input frequency:                              | 50 - 60Hz selectable                     |
| Output Nominal Voltage:                       | 220 / 230 / 240 V single-phase + N       |
| Stability of Output voltage:                  | (static / dynamic) $\pm 1\%$ / $\pm 3\%$ |
| Output frequency:                             | 50 - 60Hz selectable                     |
| Tolerance Output frequency:                   | $\pm 0,05\%$                             |
| Total Efficiency AC/AC:                       | >98% ("eco mode")                        |
| Harmonic distortion of the output Voltage:    | <1% linear load <3% no linear load       |
| Dimensions (mm W x D x H):                    | 440 x 840 x 1320                         |
| Weight (Kg):                                  | 103 (w/o batteries)                      |
| Working Temperature:                          | 0 ÷ 40°C (Suggested <25°C)               |
| Relative Humidity(EN50171):                   | 85% without condense                     |
| Max Altitude:                                 | 1000mt                                   |
| Noise:  | <48 dB (A)                               |
| Battery test Automatic: every month / Manual: | Immediate test                           |
| Degree of protection:                         | IP21                                     |
| Input / Output Connection:                    | From below                               |
| Colour:                                       | RAL 7016                                 |

#### Communication / contacts:

- RS232 / 485 serial ports operating simultaneously (1 optional)
- USB (not simultaneous with an RS232)
- Optically isolated contacts on the serial port for:
  - AS400 systems
  - UPS management with industrial automation
- EPO contact (emergency power off)
- External battery temperature control contact (requires optional kit on the external battery cabinet)
- External by-pass contact
- Programmable power relay alarm card
- 2 predispositions for optional cards such as:
  - Serial multiplexer
  - SNMP adapter internal network card
  - RS232 / 485 serial with MODBUS

# Emergency Power Systems