

1-1 PHASE | LINE-INTERACTIVE

1,500 VA ELEVATOR UPS

Power solution for elevator rescue applications

GENERAL FEATURES

- Microprocessor-controlled digital control and LED status panel
- Automatic voltage regulation (AVR)
- Wide input voltage range: 170-280 V
- Special software suitable for peak currents
- Automatic shutdown 7 minutes after rescue operation
- Cold Start (start-up from battery without mains)
- Automatic fuse and audible alarm system
- Simulated sine wave output
- Smart battery control and deep discharge protection
- Optional: RS232 / USB communication and LCD display
- Input and output cables ready for elevator connection



1,500 VA / 900 W

PRODUCT HIGHLIGHTS

1,500 VA

Nominal power

2 x 12 V / 9 Ah

Battery capacity

< 10 ms

Transfer time

2 YEARS

Product warranty

The number of rescue operations should be evaluated according to elevator motor power and operating conditions.

1,500 VA ELEVATOR UPS

TECHNICAL SPECIFICATIONS

MODEL	1,500 ELEVATOR
POWER RANGE	5.5 kW / 7.5 kW / 11 kW
INPUT	
Voltage	220 VAC (116-276 VAC)
Frequency	50 Hz $\pm$ 10%
OUTPUT	
Voltage regulation	220 VAC $\pm$ 10% (battery mode)
Frequency	50 Hz $\pm$ 1% (battery mode)
Waveform	Sine wave (mains) / modified sine wave (battery mode)
Transfer time	< 10 ms
Output socket quantity	4 output sockets
Crest factor	3:1
BATTERY	
Battery voltage	12 VDC
Battery quantity	2
Battery type	12 V / 9 Ah sealed maintenance-free dry type
Charging time	90% capacity in 8 hours; charging current 1 A $\pm$ 0.2 A
Battery protection	Overcharge protection
Rescue operation count	5.5 kW: 5 times / 7.5 kW: 4 times / 11 kW: 2 times
FUNCTIONS	
LED indicators	Green: mains / Yellow: battery / Red: UPS fault
Alarms	Audible warning for battery mode, low battery and overload
Short circuit protection	AC fuse + electronic on mains / electronic protection on battery
Surge protection	RJ11 & RJ45 for modem and LAN (optional)
Communication	RS232 & USB (optional)
Cold Start	Yes
Transformer	E type
ENVIRONMENT / STANDARDS	
Operating temperature	0 °C - 40 °C
Audible noise	< 45 dB (at 1 meter)
Humidity	20% - 90% (non-condensing)
Standards	CE, EN 62040-1 (LVD), EN 62040-2 (EMC)
DIMENSIONS	
Dimensions (W x D x H)	136 x 328 x 186 mm
Packed dimensions (W x D x H)	198 x 436 x 245 mm
Net weight	10.2 kg
Gross weight	10.8 kg