

EPS Pro

EPS PRO 2KVA 1M 2H

Central Power Supply compliant with EN 50171 standards
Protection against battery inversion
Designed for use in emergency or safety-related applications
Long battery autonomy and fast recharge times (< 12 hours)
Continuous overload of 120%
10-year life batteries

Order code 30150K2-2

Technical specifications

INPUT

Voltage	220 / 230 / 240 V single-phase + N
Voltage tolerance	230 V $\pm 20\%$ at full load
Frequency tolerance	40 - 72 Hz
Power factor	≥ 0.99

BY PASS

Rated voltage	220 / 230 / 240 V single-phase + N
Voltage tolerance	180 - 264 V (selectable)
Rated frequency	50 / 60 Hz
Frequency tolerance	$\pm 5\%$ (selectable)
Number phases	1 + N

OUTPUT and INVERTER OUTPUT

Rated power	2000 VA
Active power	2000 W
Power according with EN 50171	1600 VA / W
Output Voltage	220 / 230 / 240 V single-phase + N
Crest factor (I _{peak} /I _{rms})	3 : 1
Waveform	Sinusoidal
Frequency	50 / 60 Hz (selectable)
Voltage distortion with non-linear load	$\leq 3\%$
Voltage distortion with linear load	$\leq 1\%$

BATTERIES - AUTONOMY

AGM-VRLA	15x 45Ah - 10 YEARS expected lifespan
Autonomy	2h
Maximum recharge current	6 A

ENVIRONMENTAL

Color	Gray RAL 7035
Communication	LCD display / slot for communication interface / USB / REPO / 1 programmable input / 4 output relays
Accessories provided	MODBUS / RS485, Potential free contacts
Protections	Overcurrent - short circuit - overvoltage - undervoltage - temperature - excessive low battery
Noise (at 1 m)	<48 dBA
Operating temperature	0 °C - +40 °C Batteries 20 °C - +25 °C
Relative humidity	5-95% non-condensing
Type of sockets	Terminal block + 2 IEC 320 C13
Protection rating	IP20
Weight	24 kg
Dimensions (h w d)	500x250x698 mm



Weight Battery cabinet	90 kg
Dimensions (h w d) Battery cabinet	1320x400x825 mm
Weight Battery	214.50 kg

Certificates and standards

EN50171 - European directives: L V 2014/35/EU low voltage; EMC 2014/30/EU electromagnetic compatibility -- Directive and Standards: Safety IEC EN 62040-1; EMC IEC EN 62040-2; RoHS compliant -- Classification in accordance with IEC 62040-3 VFI - SS - 111

Accessories



30166
EMERGENCY SWITCH 25 KVA 1-PHASE