

EPS Eco

EPS ECO SE/SA 1KVA 1P 1ELM

Central Power Supply compliant with EN 50171 standards
Long battery autonomy and fast recharge times (< 12 hours)
Continuous overload of 120%
10-year life batteries

Order code 17700K

Technical specifications

INPUT

Voltage	220 / 230 / 240 V single-phase + N
Voltage tolerance	230 V \pm 20% at full load
Frequency tolerance	40 - 70 Hz
Power factor	\geq 0.99

OUTPUT and INVERTER OUTPUT

Rated power	1000 VA
Active power	900 W
Power according with EN 50171	800 VA / 800 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 6%
Voltage distortion with linear load	\leq 3%

BATTERIES - AUTONOMY

AGM-VRLA	3x 55Ah - 10 YEARS expected lifespan
Autonomy	1h
Maximum recharge current	1 A

ENVIRONMENTAL

Color	Black
Communication	LCD display / slot for communication interface / RS-232/USB
Accessories provided	USB cable, Monitoring Software
Protections	Overvoltage - undervoltage - temperature - excessive low battery
Noise (at 1 m)	<50 dBA
Operating temperature	0 °C - +40 °C Batteries 20 °C - +25 °C
Relative humidity	20-95% non-condensing
Type of sockets	Terminal block
Protection rating	IP20
Weight EPS Eco	4.4 kg
Dimensions (h w d) EPS Eco	220x145x285 mm
Weight Battery cabinet	14 kg
Dimensions (h w d) Battery cabinet	610x450x450 mm
Weight Battery	51.9 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



16323
MODULO RS485 LG EPS ECO