# EPS Eco

## EPS ECO SE/SA 1KVA 2P 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 17701K

### Technical specifications

| | |
|---|---|
| **INPUT** | |
| Voltage | **220 / 230 / 240 V single-phase + N** |
| Voltage tolerance | **230 V ±20% at full load** |
| Frequency tolerance | **40 - 70 Hz** |
| Power factor | **≥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 (Ipeak/Irms) | **3 : 1** |
| Waveform | **Sinusoidal** |
| Frequency | **50 / 60 Hz (selectable)** |
| Voltage distortion with non-linear load | **≤6%** |
| Voltage distortion with linear load | **≤3%** |
| **BATTERIES - AUTONOMY** | |
| AGM-VRLA | **3x 90Ah - 10 YEARS expected lifespan** |
| Autonomy | **2h** |
| 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 blocks** |
| 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 | **81 kg** |
| External charger | **36 V 540 W** |
| Dimensions (h w d) External charger | **90x177x300 mm** |
| Weight External charger | **3,1 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