

Product datasheet

Specifications



Easy UPS 3-Phase Modular 50kW Scalable to 250kW 400V Black, 1 Switch, for Ext Batt, Start-up 5x8

EMUPS50K250QBHS

Overview

| | |
|---------------------|--|
| Presentation | The Easy UPS 3-Phase Modular uninterruptible power supply is a robust, modular, high-density 50 kW, 400V 3-phase UPS that is scalable up to 250 kW N+1. It delivers high availability, scalability, and redundancy in a compact footprint in a cost-optimized, EcoStruxure connected package ideal for small and medium data centers and other business-critical applications. Includes 5x8 start-up service and 1 switch. |
|---------------------|--|

Main

| | |
|---|---|
| Main Input Voltage | 380 V AC 3 phases 400 V AC 3 phases 415 V AC 3 phases |
| Input voltage | 400 V |
| Maximum input current | 95 A |
| Max short time withstand current | 35 kA |
| Input harmonic distortion | Less than 3 % for full load |
| Load power factor | From 0.7 leading to 0.7 lagging without any derating |
| Network frequency | 40...70 Hz |
| Output voltage | 400 V AC 3 phases 380 V AC 3 phases 415 V AC 3 phases |
| Output voltage | 400 V |
| Rated power in W | 50 kW |
| Rated power in VA | 50 kVA |
| Maximum configurable power in VA | 250 kVA |
| Maximum configurable power in W | 250 kW |
| Output overload operation | 10 minutes at 125% and 60 seconds at 150% |
| UPS type | Double conversion online |
| Output frequency | 50...60 Hz |

Complementary

| | |
|------------------------------|---|
| Max current discharge | 130 A |
| Battery type | Lead-acid external sold separately Li-Ion (Lithium-Ion) external sold separately |
| UPS connectivity | Pre-installed network management card 3 |
| Colour | Black |
| Height | 199.1 cm |
| Width | 60 cm |

| | |
|-----------------------------------|---|
| Depth | 85 cm |
| Product weight | 251 kg |
| USB compatible | Yes |
| Provided equipment | User manual Dust filter Network management card Start-up service |
| Bypass voltage tolerance | +/- 10 % |
| Max bypass input current | 74 A |
| Number of power module | 1 |
| Number of power module free slots | 5 |
| Redundant | Yes |
| Range of product | Easy UPS 3-Phase Modular |
| Product or component type | Uninterruptible power supply (UPS) |

Environment

| | |
|---------------------------------------|---|
| Standards | IEC 62040-1 safety IEC 62040-2 IEC 62040-3 IEC 61641 |
| Ambient air temperature for operation | 0...40 °C |
| Ambient air temperature for storage | -25...55 °C |
| IP degree of protection | IP20 |
| Relative humidity | 0...95 % non-condensing |
| Storage Relative Humidity | 0...95 % non-condensing |
| Acoustic level | 74 dB |
| Heat dissipation | 8414 Btu/h |
| Operating altitude | 0...3000 m |

Batteries & Runtime

| | |
|-----------------|----------------|
| Battery type | VRLA |
| Battery voltage | 480...576 V DC |

Packing Units

| | |
|------------------------------|----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 219.1 cm |
| Package 1 Width | 120 cm |
| Package 1 Length | 80 cm |
| Package 1 Weight | 262 kg |

Contractual warranty

| | |
|----------------------|----|
| Warranty (in months) | 12 |
|----------------------|----|



Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



Environmental footprint

| | |
|--|-------------------|
| Total lifecycle Carbon footprint | 71 648 kg CO2 eq. |
| Carbon footprint of the manufacturing phase [A1 to A3] | 5 849 kg CO2 eq. |
| Carbon footprint of the distribution phase [A4] | 38 kg CO2 eq. |
| Carbon footprint of the installation phase [A5] | 22 kg CO2 eq. |
| Carbon footprint of the use phase [B2, B3, B4, B6] | 65 634 kg CO2 eq. |
| Carbon footprint of the end-of-life phase [C1 to C4] | 105 kg CO2 eq. |

Use Better



Materials and Substances

| | |
|--|--|
| Packaging made with recycled cardboard | No |
| Packaging without single use plastic | No |
| EU RoHS Directive | Compliant By Exemption |
| REACH Regulation | Reference contains Substances of Very High Concern above the threshold |

Use Longer



Lifetime extension

| | |
|--------|----|
| Repair | No |
|--------|----|

Use Again



Repack and remanufacture

| | |
|---------------------------------|---|
| End of life manual availability | End of Life Information |
| Take-back | No |
| WEEE Label |  The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

Image of product / Alternate images

Alternative





