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
Other 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
Input frequency	40...70 Hz
Output voltage	400 V AC 3 phases 380 V AC 3 phases 415 V AC 3 phases
Other 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 topology	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
Color	Black
Height	199.1 cm
Width	60 cm

Excluding VAT, FCA Jabal Ali & are subject to change – check with your local distributor.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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 modules	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

Standard	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 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 VDC

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









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