

Product datasheet

Specifications



Easy UPS 3-Phase Modular 50kVA Scalable to 250kW 400V Black, 4 Switches, for Ext Batt, Start-up 5x8

EMUPS50K250PBHS

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 4 switches.

Lead time Usually Ships within 2 Weeks

Main

Main Input Voltage 400 V

Other Input Voltage 400 V

Main Output Voltage 400 V

Other Output Voltage 400 V

Rated power in W 50 kW

Rated power in VA 50 kVA

Battery type VRLA

Provided equipment User manual
Dust filter
Network management card
Start-up service

General

Bypass voltage tolerance +/- 10 %

Max bypass input current 74 A

Number of power module 1

Number of power module free slots 5

Redundant Yes

Physical

Colour Black

Height 199.1 cm

Width 60 cm

Depth 85 cm

Net weight 251 kg

USB compatible	Yes
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Input

Network frequency	40...70 Hz
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

Output

Maximum configurable power in W	250 kW
Output frequency	50...60 Hz
UPS type	Double conversion online
Output harmonic distortion	< 1% linear load and < 3% non-linear load
Maximum configurable power in VA	250 kVA

Conformance

Standards	IEC 62040-1 safety IEC 62040-2 IEC 62040-3 IEC 61641
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Environmental

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

Batteries & Runtime

Battery voltage	480...576 V DC
Max current discharge	130 A

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	295 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Contractual warranty

Warranty	1 year on-site repair or replace with factory authorized Start-Up
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Recommended replacement(s)