Product datasheet

Specifications

Green Premium™

Easy UPS 3-Phase Modular 50kW 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

Batteries & Runtime

Efficiency	View Efficiency Graph
Battery Voltage	480...576 V DC
Max Current Discharge	130 A

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

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

Width	60 cm
Depth	85 cm
Net Weight	251 kg
Usb Compatible	Yes

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

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

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

Contractual warranty

Warranty	1 year on-site repair or replace with factory authorized Start-Up

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Learn more >

Transparency RoHS/REACh

Well-being performance

Mercury Free

Rohs Exemption Information Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant EU RoHS Declaration
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	End of Life Information