

Product datasheet

Specifications



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	380 V 400 V 415 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
Range of product	Easy UPS 3-Phase Modular
Range compatibility	Easy UPS 3-Phase Modular

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
Product or component type	Uninterruptible power supply (UPS)

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

Physical

Colour	Black
Height	199.1 cm
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
Output overload operation	10 minutes at 125% and 60 seconds at 150%
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 (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	71648
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances	
Packaging made with recycled cardboard	No
Packaging without single use plastic	No
EU RoHS Directive	Compliant with Exemptions
REACH Regulation	REACH Declaration

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





