

# Product data sheet

Specifications



## Easy UPS 3-Phase Modular 50kVA 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.

**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

**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
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
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

## 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

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
China RoHS Regulation	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
RoHS exemption information	Yes
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>
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)