

Product datasheet

Specifications



Easy UPS 3M 100kVA 400V 3:3 UPS for external batteries, Start-up 5x8

E3MUPS100KHS

Overview

Presentation Easy-to-install, easy-to-connect, easy-to-use, and easy-to-service 100 kVA 3 phase UPS with advanced product features, robust electrical specifications and compact design making your business continuity easy. Ideal for small and medium data centers and other business critical applications, this UPS is EcoStruxure-ready to give you peace of mind with cloud-based remote monitoring and management. It is supplied without batteries, so you can easily customize your battery solution. Includes 5x8 start-up service.

Lead time Usually Ships within 6 Weeks

Main

Main Input Voltage 400 V 3 phases

Other Input Voltage 380 V
415 V

Main Output Voltage 400 V 3 phases

Other Output Voltage 380 V
415 V

Rated power in W 100 kW

Rated power in VA 100 kVA

Provided equipment Dust filter
Installation guide
Start-up service

Physical

Colour White (RAL 9003)

Height 91.5 cm

Width 36 cm

Depth 85 cm

Net weight 145 kg

USB compatible Yes

Input

Maximum input current 177 A

Max short time withstand current 10 kA

Input harmonic distortion Less than 3 % for full load

Load power factor 0.5 leading to 0.5 lagging

Input Power Factor at Full Load	0.99
Input voltage limits	342...477 V
Number of input connectors	1 hard wire 5-wire (3P + N + E)
Network frequency	40...70 Hz

Output

Maximum configurable power in VA	100 kVA
Maximum configurable power in W	100 kW
Output frequency	50 Hz sync to mains 60 Hz sync to mains
Harmonic distortion	Less than 3 %
Output harmonic distortion	< 3% linear load and < 5% non-linear load
Output overload operation	10 minutes at 125% and 60 seconds at 150%
UPS type	Double conversion online
Wave type	Sine wave
Bypass type	Built-in static bypass
Crest factor	3 : 1

Environmental

Ambient air temperature for operation	0...40 °C
Relative humidity	0...95 % non-condensing
Operating altitude	0...4921 ft
Ambient air temperature for storage	-25...55 °C
Storage Relative Humidity	0...95 % Non-condensing
Storage altitude	0.00...15240.00 m
Acoustic level	65 dBA
Heat dissipation	18767 Btu/h
IP degree of protection	IP20

Batteries & Runtime

Battery type	External battery system
Number of battery filled slots	0
Number of battery free slots	0

Communications & Management

Alarm	Audible and visible alarms prioritized by severity
Control panel	Touch screen LCD user interface
Free slots	1

Packing Units

Unit Type of Package 1	PCE
Package 1 Length	47.5 cm
Number of Units in Package 1	1

Package 1 Width	96.5 cm
Package 1 Height	114 cm
Package 1 Weight	169 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information

Contractual warranty

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