

Product data sheet

Specifications



Easy UPS 3M 160kVA 400V 3:3 UPS for external batteries, Start-up 5x8

E3MUPS160KHS

Overview

Presentation Easy-to-install, easy-to-connect, easy-to-use, and easy-to-service 160 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 160 kW

Rated Power In Va 160 kVA

Provided Equipment Dust filter
Installation guide
Start-up service

Batteries & Runtime

Efficiency [View Efficiency Graph](#)

Battery Type External battery system

Number Of Battery Filled Slots 0

Number Of Battery Free Slots 0

Physical

Colour White (RAL 9003)

Height 130 cm

Width 50 cm

Depth 85 cm

Net Weight 227 kg

Usb Compatible Yes

Input

Maximum Input Current	262 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 without derating
Input Power Factor At Full Load	0.99
Input Voltage Limits	342...477 V
Network Frequency	40...70 Hz

Output

Maximum Configurable Power In Va	160 kVA
Maximum Configurable Power In W	160 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%
Output Voltage Tolerance	+/- 1 %
Ups Type	Double conversion online
Wave Type	Sine wave

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	72 dBA
Heat Dissipation	27297 Btu/h
Ip Degree Of Protection	IP20

Communications & Management

Control Panel	Touch screen LCD user interface
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Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	150 cm
Package 1 Width	97.5 cm
Package 1 Length	62.5 cm
Package 1 Weight	257 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-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Transparency RoHS/REACH

Well-being performance

Rohs Exemption Information Yes

Certifications & Standards

Reach Regulation	REACH Declaration
Eu Rohs Directive	Compliant with Exemptions
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