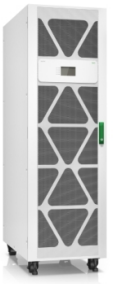
Product datasheet

Specifications

Green Premium™



Easy UPS 3M 80kVA 400V 3:3 UPS with internal batteries - 9.3 minutes runtime, Start-up 5x8

E3MUPS80KHB1S

Overview

Presentation	Easy-to-install, easy-to-connect, easy-to-use, and easy-to-service 80 kVA, 400V 3-phase UPS. With advanced product features, robust electrical specifications and compact design, the Easy UPS 3M UPS makes business continuity easy for small and medium data centers and other business critical applications. Includes 5x8 start-up service and 4 internal 9Ah modular battery strings, expandable to 6 for extended runtime.
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	80 kW
Rated Power In Va	80 kVA
Provided Equipment	Dust filter Installation guide Start-up service

Batteries & Runtime

Battery Type	VRLA
Battery Voltage	240 V
Number Of Battery Filled Slots	0
Number Of Battery Free Slots	0
Max Current Discharge	222 A

Physical

Colour	White (RAL 9003)
Height	197 cm
Width	60 cm
Depth	100 cm
Net Weight	771 kg
Usb Compatible	Yes

Input

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

Maximum Input Current	146 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
Number Of Input Connectors	1 hard wire 5-wire (3P + N + E)
Network Frequency	40...70 Hz

Output

Maximum Configurable Power In Va	80 kVA
Maximum Configurable Power In W	80 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

Conformance

Product Certifications	CE EAC RCM

Environmental

Ambient Air Temperature For Operation	0…40 °C
Relative Humidity	0…95 % non-condensing
Operating Altitude	0...1500 ft
Ambient Air Temperature For Storage	-15…40 °C
Storage Relative Humidity	0…95 % non-condensing
Storage Altitude	0.00…4572.00 m
Acoustic Level	65 dBA
Heat Dissipation	14850 Btu/h
Ip Degree Of Protection	IP20

Communications & Management

Control Panel	Touch screen LCD user interface

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1

Package 1 Height	210.2 cm
Package 1 Width	112.5 cm
Package 1 Length	75 cm
Package 1 Weight	387 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.

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