Product datasheet

Specifications



Easy UPS 3M 80kVA 400V 3:3 UPS, 4 internal 9Ah modular battery strings expandable to 6, 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.

Main

Main input voltage	400 V AC 3 phases
Other input voltage	380 V 415 V
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
Cos phi	0.99
Efficiency at full load	342...477 V
Input connection	1 hard wire 5-wire (3P + N + E)
Input frequency	40...70 Hz
Output voltage	400 V AC 3 phases
Other output voltage	380 V 415 V
Rated power in W	80 kW
Rated power in VA	80 kVA
Bypass type	Built-in static bypass
Harmonic distortion	Less than 3 %
Maximum configurable power in VA	80 kVA
Maximum configurable power in W	80 kW
Output harmonic distortion	< 3% linear load and < 5% non-linear load
Output overload operation	10 minutes at 125% and 60 seconds at 150%
UPS topology	Double conversion online
Waveform type	Sine wave
Output frequency	50 Hz sync to mains 60 Hz sync to mains

Complementary

Excluding VAT, FCA Jabal Ali & are subject to change – check with your local distributor.

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

Max current discharge	222 A
Battery type	Lead-acid internal
Control panel	Touch screen LCD user interface
Color	White (RAL 9003)
Height	197 cm
Width	60 cm
Depth	100 cm
Product weight	771 kg
USB compatible	Yes
Provided equipment	Dust filter Installation guide Start-up service
Range of product	Easy UPS 3M
Product or component type	Uninterruptible power supply (UPS)

Environment

Product certification	CE EAC RCM
Ambient air temperature for operation	0…40 °C
Ambient air temperature for storage	-15…40 °C
Storage altitude	0…4572 m
IP protection	IP20
Relative humidity	0…95 % non-condensing
Storage relative humidity	0…95 % non-condensing
Acoustic level	65 dBA
Heat dissipation	14850 Btu/h
Operating altitude	0...1500 ft

Batteries & Runtime

Battery type	VRLA
Battery voltage	240 V
Included battery module	0
Empty battery slot	0

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 (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	**100 ton CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**8 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**0.3 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0.1 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**100 ton CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**2 kg CO2 eq.**
Environmental Disclosure	**Product Environmental Profile**

Use Better

Materials and Substances

Packaging made with recycled cardboard	**No**
Packaging without single use plastic	**No**
SCIP Number	**Bcc48c21-81f4-41e7-bf2b-336ef659ee43**
EU RoHS Directive	**Compliant By Exemption**
REACh Regulation	**Reference contains Substances of Very High Concern above the threshold**

Use Longer

Lifetime extension

Repair	**No**

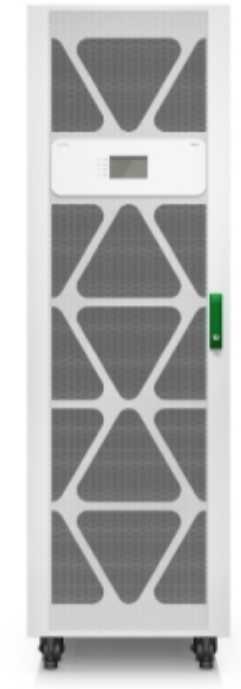
Use Again

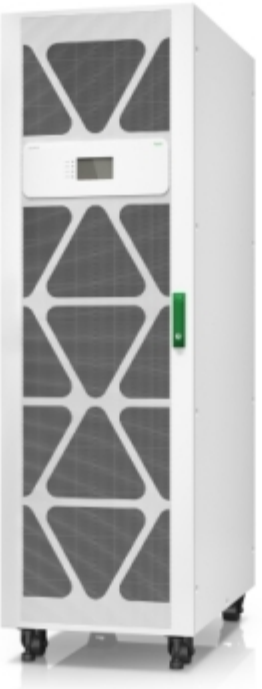
Repack and remanufacture

Recyclability potential, in %	**76**
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





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