

Product datasheet

Specifications



Easy UPS 3M 80kVA 400V 3:3 UPS for external batteries, Start-up 5x8

E3MUPS80KHS

Overview

Presentation Easy-to-install, easy-to-connect, easy-to-use, and easy-to-service 80 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 AC 3 phases
380 V AC 3 phases
415 V AC 3 phases

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

Cos phi 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 voltage 400 V AC 3 phases
380 V AC 3 phases
415 V AC 3 phases

Output voltage 380 V
415 V

Rated power in W 80 kW

rated power in VA 80 kVA

Bypass type Built-in static bypass

Crest factor 3 : 1

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%

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

UPS type	Double conversion online
Wave type	Sine wave
Output frequency	50 Hz sync to mains 60 Hz sync to mains

Complementary

Battery type	Lead-acid external sold separately
Control panel	Touch screen LCD user interface
Free slots	1
UPS connectivity	Pre-installed network management card 3
Colour	White (RAL 9003)
Height	91.5 cm
Width	36 cm
Depth	85 cm
Product weight	140 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

Ambient air temperature for operation	0...40 °C
Ambient air temperature for storage	-25...55 °C
Storage altitude	0...15240 m
IP degree of protection	IP20
Relative humidity	0...95 % non-condensing
Storage Relative Humidity	0...95 % non-condensing
Acoustic level	65 dBA
Heat dissipation	14659 Btu/h
Operating altitude	0...4921 ft

Batteries & Runtime

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

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	114.000 cm
Package 1 Width	47.500 cm

Package 1 Length	96.500 cm
------------------	-----------

Package 1 Weight	164.000 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	103 ton CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	2 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.1 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	103 ton CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0.4 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	Nej
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

