

# 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.

### Main

<b>Main Input Voltage</b>	400 V AC 3 phases 380 V AC 3 phases 415 V AC 3 phases
<b>Input voltage</b>	380 V 415 V
<b>Maximum input current</b>	146 A
<b>Max short time withstand current</b>	10 kA
<b>Input harmonic distortion</b>	Less than 3 % for full load
<b>Load power factor</b>	0.5 leading to 0.5 lagging
<b>Cos phi</b>	0.99
<b>Input voltage limits</b>	342...477 V
<b>Number of input connectors</b>	1 hard wire 5-wire (3P + N + E)
<b>Network frequency</b>	40...70 Hz
<b>Output voltage</b>	400 V AC 3 phases 380 V AC 3 phases 415 V AC 3 phases
<b>Output voltage</b>	380 V 415 V
<b>Rated power in W</b>	80 kW
<b>Rated power in VA</b>	80 kVA
<b>Bypass type</b>	Built-in static bypass
<b>Crest factor</b>	3 : 1
<b>Harmonic distortion</b>	Less than 3 %
<b>Maximum configurable power in VA</b>	80 kVA
<b>Maximum configurable power in W</b>	80 kW
<b>Output harmonic distortion</b>	< 3% linear load and < 5% non-linear load
<b>Output overload operation</b>	10 minutes at 125% and 60 seconds at 150%
<b>UPS type</b>	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

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Package 1 Weight	164.000 kg
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## Contractual warranty

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Warranty (in months)	12
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## 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	<a href="#">Product Environmental Profile</a>

## 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	<a href="#">Compliant By Exemption</a>
REACH Regulation	<a href="#">Reference contains Substances of Very High Concern above the threshold</a>

## Use Longer



### Lifetime extension

Repair	No
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## Use Again



### Repack and remanufacture


Recyclability potential, in %	76
End of life manual availability	<a href="#">End of Life Information</a>
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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