

# Product data sheet

Specifications



## Easy UPS 3M 100kVA 400V 3:3 UPS for external batteries, Start-up 5x8

E3MUPS100KHS

### Overview

**Presentation** Easy-to-install, easy-to-connect, easy-to-use, and easy-to-service 100 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** 100 kW

**Rated Power In Va** 100 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** 91.5 cm

**Width** 36 cm

**Depth** 85 cm

**Net Weight** 145 kg

**Usb Compatible** Yes

### Input

Maximum Input Current	177 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
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	100 kVA
Maximum Configurable Power In W	100 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
Crest Factor	3 : 1

## 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	65 dBA
Heat Dissipation	18767 Btu/h
Ip Degree Of Protection	IP20

## Communications & Management

Free Slots	1
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	112.000 cm
Package 1 Width	48.000 cm

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Package 1 Length	96.000 cm
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Package 1 Weight	165.000 kg
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## Contractual warranty

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Warranty	1 year on-site repair or replace with factory authorized Start-Up
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## 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<sub>2</sub> 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

✓ Mercury Free

✓ Rohs Exemption Information [Yes](#)

## Certifications & Standards

Reach Regulation	<a href="#">REACH Declaration</a>
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>