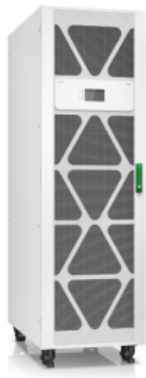


# Product datasheet

Specifications



## 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

### Physical

**Colour** White (RAL 9003)

**Height** 197 cm

**Width** 60 cm

**Depth** 100 cm

**Net weight** 771 kg

**USB compatible** Yes

### Input

**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
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## 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

## 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

## Communications & Management

Control panel	Touch screen LCD user interface
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## Packing Units

Unit Type of Package 1	PCE
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<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	210.2 cm
<b>Package 1 Width</b>	112.5 cm
<b>Package 1 Length</b>	75 cm
<b>Package 1 Weight</b>	387 kg

## Offer Sustainability

<b>Sustainable offer status</b>	Green Premium product
<b>REACH Regulation</b>	<a href="#">REACH Declaration</a>
<b>EU RoHS Directive</b>	Compliant <a href="#">EU RoHS Declaration</a>
<b>Mercury free</b>	Yes
<b>China RoHS Regulation</b>	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
<b>RoHS exemption information</b>	Yes
<b>Environmental Disclosure</b>	<a href="#">Product Environmental Profile</a>
<b>Circularity Profile</b>	<a href="#">End of Life Information</a>

## Contractual warranty

<b>Warranty</b>	1 year on-site repair or replace with factory authorized Start-Up
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## Recommended replacement(s)