

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 3 phases

Product or component type Uninterruptible power supply (UPS)

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

Range of product Easy UPS 3M

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 140 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
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
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	0.000000000...15240.000000000 m
Acoustic level	65 dBA
Heat dissipation	14659 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	114.000 cm

Package 1 Width	47.500 cm
Package 1 Length	96.500 cm
Package 1 Weight	164.000 kg

Contractual warranty

Warranty 1 year on-site repair or replace with factory authorized Start-Up

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

Carbon footprint (kg.eq.CO2 per CR, Total Life cycle) 102744

Environmental Disclosure [Product Environmental Profile](#)

Use Better

Materials and Substances

Packaging made with recycled cardboard No

Packaging without single use plastic No

[EU RoHS Directive](#) Compliant with Exemptions

SCIP Number Bcc48c21-81f4-41e7-bf2b-336ef659ee43

REACH Regulation [REACH Declaration](#)

Use Again

Repack and remanufacture

Circularity Profile [End of Life Information](#)

Take-back No

Image of product / Alternate images

Alternative

