Product datasheet

Specifications



Easy UPS 3M 160kVA 400V 3:3 UPS for external batteries, Start-up 5x8

E3MUPS160KHS

Overview

Presentation	Easy-to-install, easy-to-connect, easy-to-use, and easy-to-service 160 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

Main input voltage	400 V AC 3 phases 380 V AC 3 phases 415 V AC 3 phases
Other input voltage	380 V 415 V
Maximum input current	262 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
Cos phi	0.99
Efficiency at full load	342...477 V
Input frequency	40...70 Hz
Output voltage	400 V AC 3 phases 380 V AC 3 phases 415 V AC 3 phases
Other output voltage	380 V 415 V
Rated power in W	160 kW
Rated power in VA	160 kVA
Harmonic distortion	Less than 3 %
Maximum configurable power in VA	160 kVA
Maximum configurable power in W	160 kW
Output harmonic distortion	< 3% linear load and < 5% non-linear load
Output overload operation	10 minutes at 125% and 60 seconds at 150%
Output voltage tolerance	+/- 1 %
UPS topology	Double conversion online
Waveform type	Sine wave
Output frequency	50 Hz sync to mains 60 Hz sync to mains

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

Complementary

Battery type	Lead-acid external sold separately
Control panel	Touch screen LCD user interface
Color	White (RAL 9003)
Height	130 cm
Width	50 cm
Depth	85 cm
Product weight	227 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 protection	IP20
Relative humidity	0…95 % non-condensing
Storage relative humidity	0…95 % non-condensing
Acoustic level	72 dBA
Heat dissipation	27297 Btu/h
Operating altitude	0...4921 ft

Batteries & Runtime

Battery type	External battery system
Included battery module	0
Empty battery slot	0

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	150 cm
Package 1 Width	97.5 cm
Package 1 Length	62.5 cm
Package 1 Weight	257 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	**189 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]	**189 ton CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**0.6 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 Again

Repack and remanufacture

Recyclability potential, in %	**76**
End of life manual availability	End of Life Information
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**