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
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

Batteries & Runtime

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
Product weight	140 kg
USB compatible	Yes

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

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	0.00…15240.00 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 cm
Package 1 Width	96.5 cm
Package 1 Length	47.5 cm
Package 1 Weight	164 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information

Contractual warranty

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

Recommended replacement(s)