



## Easy UPS 3M 80kVA 400V 3:3 UPS for internal batteries, Start-up 5x8

E3MUPS80KHBS

Call for More Information 021 203 0606

- 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. This UPS is for internal batteries, but is supplied without batteries, so you can easily customize the battery runtime. For battery runtime details, see the runtime charts published under the Documents tab. Includes 5x8 start-up service.
- Includes: Dust filter, Installation guide, Start-up service

Output	
Output power capacity	80.0kWatts / 80.0kVA
Max Configurable Power (Watts)	80.0kWatts / 80.0kVA
Nominal Output Voltage	400V 3PH
Output Voltage Distortion	Less than 3 %
Output Frequency (sync to mains)	50 Hz Sync to mains, 60 Hz Sync to mains
Other Output Voltages	380 V, 415 V
Topology	Double conversion online
Waveform type	Sine wave
Overload Operation	10 minutes at 125% and 60 seconds at 150%
Output Voltage THD	< 3% linear load and < 5% non-linear load
Bypass	Built-in static bypass

Input	
Nominal Input Voltage	400V 3PH
Input frequency	40 - 70 Hz
Input Connections	Hard wire 5-wire (3P + N + E)
Input voltage range for main operations	342 - 477V
Input Total Harmonic Distortion	Less than 3 % for full load
Other Input Voltages	380 V, 415 V
Maximum Short Circuit Withstand (Icw)	10.0kAmps

**Disclaimer:** 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's applications.

## Technical Specifications

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Input	
Maximum Input Current	104.0A
Input Power Factor at Full Load	0.99

Batteries & Runtime	
Battery type	VRLA
Nominal Battery Voltage	240 V
End of Discharge Maximum Battery Current	222.0A

Communications & Management	
Control panel	Touch screen LCD user interface

Physical	
Maximum Height	1970MM, 197.0CM
Maximum Width	600MM, 60.0CM
Maximum Depth	1000MM, 100.0CM
Net Weight	339.0KG
Shipping weight	387.0KG
Shipping Height	2102MM, 210.2CM
Shipping Width	1125MM, 112.5CM
Shipping Depth	750MM, 75.0CM
Color	White

Environmental	
Operating Temperature	0 - 40 °C
Operating Relative Humidity	0 - 95 (Non-condensing) %
Operating Elevation	0 - 457.2meters
Storage Temperature	-15 - 40 °C
Storage Relative Humidity	0 - 95 (Non-condensing) %
Storage Elevation	0 - 4572meters
Audible noise at 1 meter from surface of unit	65.0dBA

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Environmental	
Online thermal dissipation	14850.0BTU/hr
Protection Class	IP20

Conformance	
Approvals	CE, EAC, RCM
Standard warranty	1 year on-site repair or replace with factory authorized Start-Up

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