

## Technical Specifications

Easy UPS 3M 80kVA 400V 3:3 UPS for external batteries, Start-up 5x8 | E3MUPS80KHS | Downloaded on 07/02/2019 (EST)



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

## E3MUPS80KHS

Call for More Information 0800 2799254

- 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.
- Includes: Dust filter, Installation guide, Start-Up Service

### Output

<b>Output power capacity</b>	80.0kWatts / 80.0kVA
<b>Max Configurable Power (Watts)</b>	80.0kWatts / 80.0kVA
<b>Nominal Output Voltage</b>	400V 3PH
<b>Output Voltage Distortion</b>	Less than 3%
<b>Output Frequency (sync to mains)</b>	50 Hz, 60 Hz
<b>Other Output Voltages</b>	380, 415
<b>Load Crest Factor</b>	3 : 1
<b>Topology</b>	Double Conversion Online
<b>Waveform type</b>	Sine wave
<b>Overload Operation</b>	150% for 1 minute 125% for 10 minutes
<b>Output Voltage THD</b>	< 3% linear load and <5% non-linear load
<b>Bypass</b>	Built-in Static Bypass

### Input

<b>Nominal Input Voltage</b>	400V 3PH
<b>Input frequency</b>	40 - 70 Hz
<b>Input Connections</b>	Hard Wire 5-wire (3PH + N + G)

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### Input

<b>Input voltage range for main operations</b>	342 - 477V
<b>Input Total Harmonic Distortion</b>	Less than 3% for full load
<b>Other Input Voltages</b>	380, 415
<b>Maximum Short Circuit Withstand (Icw)</b>	10.0kAmps
<b>Maximum Input Current</b>	146.0A
<b>Input Power Factor at Full Load</b>	0.99

### Batteries & Runtime

<b>Battery type</b>	No internal battery - uses external battery system
<b>Efficiency</b>	View Efficiency Graph (Available in Technical Tab on site)

### Communications & Management

<b>Interface Port(s)</b>	E3M_ColdStart, E3M_parallel, E3S_TempSensor
<b>Control panel</b>	Touch Screen LCD User Interface
<b>Audible Alarm</b>	Audible and visible alarms prioritized by severity
<b>Available SmartSlot™ Interface Quantity</b>	1

### Physical

<b>Maximum Height</b>	915MM, 91.5CM
<b>Maximum Width</b>	360MM, 36.0CM
<b>Maximum Depth</b>	850MM, 85.0CM
<b>Net Weight</b>	140.0KG
<b>Shipping weight</b>	164.0KG
<b>Shipping Height</b>	1140MM, 114.0CM
<b>Shipping Width</b>	475MM, 47.5CM
<b>Shipping Depth</b>	965MM, 96.5CM
<b>Color</b>	RAL 9003

### Environmental

<b>Operating Temperature</b>	0 - 40 °C
<b>Operating Relative Humidity</b>	0 - 95 (non-condensing) %

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Environmental	
Operating Elevation	0-1476.3meters
Storage Temperature	-25 to 55 °C
Storage Relative Humidity	0 - 95 (non-condensing) %
Storage Elevation	0-15000meters
Audible noise at 1 meter from surface of unit	65.0dBA
Online thermal dissipation	14659.0BTU/hr
Protection Class	IP 20
Conformance	
Approvals	EN/IEC 62040-1, IEC 62040-2, IEC 62040-3, IEC 62040-4
Standard warranty	1 year on-site repair or replace with factory authorized Start-Up

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