

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 |

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 | 0.00...15240.00 m |
| Acoustic level | 65 dBA |
| Heat dissipation | 14659 Btu/h |
| IP degree of protection | IP20 |

Batteries & Runtime

| | |
|---------------------------------------|-------------------------|
| Battery type | External battery system |
| Number of battery filled slots | 0 |
| Number of battery free slots | 0 |

Communications & Management

| | |
|----------------------|---------------------------------|
| Free slots | 1 |
| Control panel | Touch screen LCD user interface |

Packing Units

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|-------------------------------------|---------|
| 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)