



## E3MUPS80KHS

RoHS

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 ...

Includes: Dust filter, Installation guide, Start-up service

## Technical Specifications

### Output

|                                  |                                           |
|----------------------------------|-------------------------------------------|
| Max Configurable Power (Watts)   | 80.0kWatts / 80.0kVA                      |
| 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, 415                                  |
| Load Crest Factor                | 3 : 1                                     |
| 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

|                                         |                             |
|-----------------------------------------|-----------------------------|
| Input frequency                         | 40 - 70 Hz                  |
| Input voltage range for main operations | 342 - 477V                  |
| Input Total Harmonic Distortion         | Less than 3 % for full load |
| Other Input Voltages                    | 380, 415                    |
| Maximum Short Circuit Withstand (Icw)   | 10.0kAmps                   |
| Input Power Factor at Full Load         | 0.99                        |

### Batteries & Runtime

|              |                                       |
|--------------|---------------------------------------|
| Battery type | External battery system               |
| Efficiency   | <a href="#">View Efficiency Graph</a> |

Communications & Management

|                                         |                                                    |
|-----------------------------------------|----------------------------------------------------|
| Interface Port(s)                       | E3M_ColdStart, E3M_parallel, E3S_TempSensor        |
| Control panel                           | Touch screen LCD user interface                    |
| Audible Alarm                           | Audible and visible alarms prioritized by severity |
| Available SmartSlot™ Interface Quantity | 1                                                  |

Physical

|                 |                 |
|-----------------|-----------------|
| Maximum Height  | 915MM, 91.5CM   |
| Maximum Width   | 360MM, 36.0CM   |
| Maximum Depth   | 850MM, 85.0CM   |
| Net Weight      | 140.0KG         |
| Shipping weight | 164.0KG         |
| Shipping Height | 1140MM, 114.0CM |
| Shipping Width  | 475MM, 47.5CM   |
| Shipping Depth  | 965MM, 96.5CM   |
| Color           | White           |

Environmental

|                                               |                           |
|-----------------------------------------------|---------------------------|
| Operating Temperature                         | 0 - 40 °C                 |
| Operating Relative Humidity                   | 0 - 95 (Non-condensing) % |
| Operating Elevation                           | 0 - 1499.92meters         |
| Storage Temperature                           | -25 - 55 °C               |
| Storage Relative Humidity                     | 0 - 95 (Non-condensing) % |
| Storage Elevation                             | 0 - 15240meters           |
| Audible noise at 1 meter from surface of unit | 65.0dBA                   |
| Online thermal dissipation                    | 14659.0BTU/hr             |
| Protection Class                              | IP20                      |

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 |

Sustainable Offer Status

|      |           |
|------|-----------|
| RoHS | Compliant |
|------|-----------|

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