

# Product datasheet

Specifications



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

E3MUPS80KHBS

**Price: 287,040.00 ZAR**

### 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. 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.

**Lead time** Usually Ships within 6 Weeks

### Main

**Main Input Voltage** 400 V AC 3 phases  
380 V AC 3 phases  
415 V AC 3 phases

**Input voltage** 380 V  
415 V

**Maximum input current** 104 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 without derating

**Cos phi** 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 voltage** 400 V AC 3 phases  
380 V AC 3 phases  
415 V AC 3 phases

**Output voltage** 380 V  
415 V

**Rated power in W** 80 kW

**rated power in VA** 80 kVA

**Bypass type** Built-in static bypass

**Harmonic distortion** Less than 3 %

**Maximum configurable power in VA** 80 kVA

**Maximum configurable power in W** 80 kW

**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

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

|                  |  |
|------------------|--|
| Wave type        | Sine wave                                  |
| Output frequency | 50 Hz sync to mains<br>60 Hz sync to mains |

## Complementary

|                                |   |
|--------------------------------|---|
| Battery type                   | VRLA  |
| Battery voltage                | 240 V   |
| Number of battery filled slots | 0   |
| Number of battery free slots   | 0   |
| Max current discharge          | 222 A   |
| Battery type                   | Lead-acid internal sold separately                    |
| Control panel                  | Touch screen LCD user interface                       |
| UPS connectivity               | Pre-installed network management card 3               |
| Colour                         | White (RAL 9003)                                      |
| Height                         | 197 cm  |
| Width                          | 60 cm   |
| Depth                          | 100 cm  |
| Net weight                     | 339 kg  |
| USB compatible                 | Yes   |
| Provided equipment             | Dust filter<br>Installation guide<br>Start-up service |
| Range of product               | Easy UPS 3M   |
| Product or component type      | Uninterruptible power supply (UPS)                    |

## Environment

|                                       |                         |
|---------------------------------------|-------------------------|
| Product certifications                | CE<br>EAC<br>RCM        |
| Ambient air temperature for operation | 0...40 °C               |
| Ambient air temperature for storage   | -15...40 °C             |
| Storage altitude                      | 0...4572 m              |
| IP degree of protection               | IP20                    |
| Relative humidity                     | 0...95 % non-condensing |
| Storage Relative Humidity             | 0...95 % non-condensing |
| Acoustic level                        | 65 dBA                  |
| Heat dissipation                      | 14850 Btu/h             |
| Operating altitude                    | 0...1500 ft             |

## Packing Units

|                              |            |
|------------------------------|------------|
| Unit Type of Package 1       | PCE        |
| Number of Units in Package 1 | 1          |
| Package 1 Height             | 223.000 cm |
| Package 1 Width              | 80.000 cm  |

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|                  |            |
|------------------|------------|
| Package 1 Length | 120.000 cm |
|------------------|------------|

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|                  |            |
|------------------|------------|
| Package 1 Weight | 395.998 kg |
|------------------|------------|

## Contractual warranty

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|                      |    |
|----------------------|----|
| Warranty (in months) | 12 |
|----------------------|----|



## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

### Environmental footprint

Total lifecycle Carbon footprint 100 ton CO2 eq.

Environmental Disclosure [Product Environmental Profile](#)

## Use Better

### Materials and Substances

Packaging made with recycled cardboard No

Packaging without single use plastic No

[EU RoHS Directive](#) Compliant with Exemptions

SCIP Number Bcc48c21-81f4-41e7-bf2b-336ef659ee43

REACH Regulation [REACH Declaration](#)

## Use Longer

### Lifetime extension

Repair No

## Use Again

### Repack and remanufacture

End of life manual availability [End of Life Information](#)

Take-back No

Image of product / Alternate images

Alternative

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