

# Product datasheet

Specifications



## Easy UPS 3M 80kVA 400V 3:3 UPS, 4 internal 9Ah modular battery strings expandable to 6, Start-up 5x8

E3MUPS80KHB1S

**Price: 388,240.00 ZAR**

### Overview

|                     |  |
|---------------------|--|
| <b>Presentation</b> | Easy-to-install, easy-to-connect, easy-to-use, and easy-to-service 80 kVA, 400V 3-phase UPS. With advanced product features, robust electrical specifications and compact design, the Easy UPS 3M UPS makes business continuity easy for small and medium data centers and other business critical applications. Includes 5x8 start-up service and 4 internal 9Ah modular battery strings, expandable to 6 for extended runtime. |
|---------------------|--|

|                  |                              |
|------------------|------------------------------|
| <b>Lead time</b> | Usually Ships within 6 Weeks |
|------------------|------------------------------|

### Main

|   |   |
|---|---|
| <b>Main Input Voltage</b>               | 400 V AC 3 phases                           |
| <b>Input voltage</b>                    | 380 V<br>415 V                              |
| <b>Maximum input current</b>            | 146 A                                       |
| <b>Max short time withstand current</b> | 10 kA                                       |
| <b>Input harmonic distortion</b>        | Less than 3 % for full load                 |
| <b>Load power factor</b>                | 0.5 leading to 0.5 lagging without derating |
| <b>Cos phi</b>                          | 0.99  |
| <b>Input voltage limits</b>             | 342...477 V                                 |
| <b>Number of input connectors</b>       | 1 hard wire 5-wire (3P + N + E)             |
| <b>Network frequency</b>                | 40...70 Hz                                  |
| <b>Output voltage</b>                   | 400 V AC 3 phases                           |
| <b>Output voltage</b>                   | 380 V<br>415 V                              |
| <b>Rated power in W</b>                 | 80 kW                                       |
| <b>rated power in VA</b>                | 80 kVA                                      |
| <b>Bypass type</b>                      | Built-in static bypass                      |
| <b>Harmonic distortion</b>              | Less than 3 %                               |
| <b>Maximum configurable power in VA</b> | 80 kVA                                      |
| <b>Maximum configurable power in W</b>  | 80 kW                                       |
| <b>Output harmonic distortion</b>       | < 3% linear load and < 5% non-linear load   |
| <b>Output overload operation</b>        | 10 minutes at 125% and 60 seconds at 150%   |
| <b>UPS type</b>                         | Double conversion online                    |
| <b>Wave type</b>                        | Sine wave                                   |
| <b>Output frequency</b>                 | 50 Hz sync to mains<br>60 Hz sync to mains  |

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

## 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                                    |
| Control panel                  | Touch screen LCD user interface                       |
| Colour                         | White (RAL 9003)                                      |
| Height                         | 197 cm  |
| Width                          | 60 cm   |
| Depth                          | 100 cm  |
| Net weight                     | 771 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             | 210.2 cm |
| Package 1 Width              | 112.5 cm |
| Package 1 Length             | 75 cm    |
| Package 1 Weight             | 387 kg   |

## Contractual warranty





## 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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