

# Product datasheet

Specifications



## Easy UPS 3S 30 kVA 400 V 3:3 UPS for internal batteries

E3SUPS30KHB

### Overview

#### Presentation

High-efficiency 3-phase UPS that features advanced product features, competitive specifications, and robust electrical design, making business continuity easy in the data center or electrical room. This is an exceptionally easy to install, operate, maintain, and service 30 kVA UPS, ideal for small and medium businesses. Includes dust filter and conformance-coated boards for harsh environments. 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.

#### 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

30 kW

#### Rated power in VA

30 kVA

#### Provided equipment

Dust filter  
Installation guide

### Physical

#### Colour

White (RAL 9003)

#### Height

140 cm

#### Width

50 cm

#### Depth

96.9 cm

#### Net weight

152 kg

#### USB compatible

Yes

### Input

#### Maximum input current

55 A

#### Input harmonic distortion

Less than 3 % for full load

#### Load power factor

0.9 leading to 0.9 lagging

#### Input Power Factor at Full Load

0.99

#### Input voltage limits

304...477 V

---

|                   |            |
|-------------------|------------|
| Network frequency | 45...65 Hz |
|-------------------|------------|

## Output

---

|                                  |        |
|----------------------------------|--------|
| Maximum configurable power in VA | 30 kVA |
|----------------------------------|--------|

---

|                                 |       |
|---------------------------------|-------|
| Maximum configurable power in W | 30 kW |
|---------------------------------|-------|

---

|                  |  |
|------------------|--|
| Output frequency | 50 Hz sync to mains<br>60 Hz sync to mains |
|------------------|--|

---

|                     |               |
|---------------------|---------------|
| Harmonic distortion | Less than 3 % |
|---------------------|---------------|

---

|                            |                  |
|----------------------------|------------------|
| Output harmonic distortion | < 3% linear load |
|----------------------------|------------------|

---

|                          |           |
|--------------------------|-----------|
| Output voltage tolerance | +/- 1.5 % |
|--------------------------|-----------|

---

|          |                          |
|----------|--------------------------|
| UPS type | Double conversion online |
|----------|--------------------------|

## Conformance

---

|                        |                  |
|------------------------|------------------|
| Product certifications | CE<br>EAC<br>RCM |
|------------------------|------------------|

## Environmental

---

|                                       |           |
|---------------------------------------|-----------|
| Ambient air temperature for operation | 0...40 °C |
|---------------------------------------|-----------|

---

|                   |                         |
|-------------------|-------------------------|
| Relative humidity | 0...95 % non-condensing |
|-------------------|-------------------------|

---

|                    |             |
|--------------------|-------------|
| Operating altitude | 0...3333 ft |
|--------------------|-------------|

---

|                                     |             |
|-------------------------------------|-------------|
| Ambient air temperature for storage | -15...40 °C |
|-------------------------------------|-------------|

---

|                           |                         |
|---------------------------|-------------------------|
| Storage Relative Humidity | Non-condensing 0...95 % |
|---------------------------|-------------------------|

---

|                  |                   |
|------------------|-------------------|
| Storage altitude | 0.00...15240.00 m |
|------------------|-------------------|

---

|                |        |
|----------------|--------|
| Acoustic level | 63 dBA |
|----------------|--------|

---

|                  |            |
|------------------|------------|
| Heat dissipation | 1410 Btu/h |
|------------------|------------|

---

|                         |      |
|-------------------------|------|
| IP degree of protection | IP20 |
|-------------------------|------|

## Batteries & Runtime

---

|              |      |
|--------------|------|
| Battery type | VRLA |
|--------------|------|

---

|                 |       |
|-----------------|-------|
| Battery voltage | 240 V |
|-----------------|-------|

---

|                               |       |
|-------------------------------|-------|
| Maximum short-circuit current | 10 kA |
|-------------------------------|-------|

---

|                                |   |
|--------------------------------|---|
| Number of battery filled slots | 0 |
|--------------------------------|---|

---

|                              |   |
|------------------------------|---|
| Number of battery free slots | 4 |
|------------------------------|---|

## Packing Units

---

|                        |     |
|------------------------|-----|
| Unit Type of Package 1 | PCE |
|------------------------|-----|

---

|                  |         |
|------------------|---------|
| Package 1 Length | 68.3 cm |
|------------------|---------|

---

|                              |   |
|------------------------------|---|
| Number of Units in Package 1 | 1 |
|------------------------------|---|

---

|                 |          |
|-----------------|----------|
| Package 1 Width | 111.4 cm |
|-----------------|----------|

---

|                  |        |
|------------------|--------|
| Package 1 Height | 164 cm |
|------------------|--------|

---

|                  |        |
|------------------|--------|
| Package 1 Weight | 190 kg |
|------------------|--------|

## Offer Sustainability

---

|                                    |   |
|------------------------------------|---|
| <b>Sustainable offer status</b>    | Green Premium product   |
| <b>REACH Regulation</b>            | <a href="#">REACH Declaration</a>   |
| <b>EU RoHS Directive</b>           | Pro-active compliance (Product out of EU RoHS legal scope)<br><a href="#">EU RoHS Declaration</a>                     |
| <b>Mercury free</b>                | Yes   |
| <b>RoHS exemption information</b>  | <a href="#">Yes</a>   |
| <b>China RoHS Regulation</b>       | <a href="#">China RoHS declaration</a><br>Product out of China RoHS scope. Substance declaration for your information |
| <b>Environmental Disclosure</b>    | <a href="#">Product Environmental Profile</a>   |
| <b>Circularity Profile</b>         | <a href="#">End of Life Information</a>   |
| <b>Optimized Energy Efficiency</b> | Energy efficient product  |

## Contractual warranty

---

|                 |   |
|-----------------|---|
| <b>Warranty</b> | 1 year on-site repair or replace with factory authorized Start-Up |
|-----------------|---|