

# Product datasheet

Specifications



## Easy UPS 3S 40 kVA 400 V 3:3 UPS for external batteries

E3SUPS40KH

### 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 40 kVA UPS, ideal for small and medium businesses. Includes dust filter and conformance-coated boards for harsh environments. This UPS is supplied without batteries, so you can easily customize the battery solution.

**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** 40 kW

**Rated power in VA** 40 kVA

**Provided equipment** Dust filter  
Installation guide

### Physical

**Colour** White (RAL 9003)

**Height** 77 cm

**Width** 25 cm

**Depth** 90 cm

**Net weight** 70 kg

**USB compatible** Yes

### Input

**Maximum input current** 73 A

**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	40 kVA
Maximum configurable power in W	40 kW
Output frequency	50 Hz sync to mains 60 Hz sync to mains
Harmonic distortion	Less than 3 %
Output harmonic distortion	< 3% linear load
Output overload operation	10 minutes at 125% and 60 seconds at 150%
UPS type	Double conversion online
Bypass type	Built-in maintenance bypass
Crest factor	3 : 1

## Conformance

Product certifications	CE EAC RCM
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## Environmental

Ambient air temperature for operation	0...40 °C
Relative humidity	0...95 % non-condensing
Operating altitude	0...3281 ft
Ambient air temperature for storage	-15...40 °C
Storage Relative Humidity	Non-condensing 0...95 %
Storage altitude	0.00...14999.82 m
Acoustic level	63 dBA
Heat dissipation	1880 Btu/h
IP degree of protection	IP20

## Batteries & Runtime

Battery type	External battery system
Maximum short-circuit current	10 kA
Number of battery filled slots	0
Number of battery free slots	0

## Packing Units

Unit Type of Package 1	PCE
Package 1 Length	40 cm
Number of Units in Package 1	1
Package 1 Width	105 cm
Package 1 Height	101.5 cm
Package 1 Weight	86 kg

## Offer Sustainability

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<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) <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> 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

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