

# Product datasheet

Specifications



## Easy UPS 3S 20 kVA 400 V 3:1 UPS with internal batteries - 30 minutes runtime

E3SUPS20K3IB2

### Overview

<b>Presentation</b>	Easy-to-install, easy-to-operate, easy-to-maintain, and easy-to-service 20 kVA 3:1 UPS. With advanced product features, competitive specifications, and robust electrical design, the Easy UPS 3S UPS makes business continuity easy for small and medium data centers and electrical rooms. Includes dust filter and conformance-coated boards for harsh environments, and 3 internal 7Ah modular battery strings.
<b>Lead time</b>	Usually Ships within 6 Weeks

### Main

<b>Main Input Voltage</b>	400 V 3 phases
<b>Other Input Voltage</b>	380 V 415 V
<b>Main Output Voltage</b>	230 V
<b>Other Output Voltage</b>	220 V 240 V
<b>Rated power in W</b>	20 kW
<b>Rated power in VA</b>	20 kVA
<b>Provided equipment</b>	Dust filter Installation guide

### Physical

<b>Colour</b>	White (RAL 9003)
<b>Height</b>	140 cm
<b>Width</b>	38 cm
<b>Depth</b>	90.7 cm
<b>Net weight</b>	231 kg
<b>USB compatible</b>	Yes

### Input

<b>Maximum input current</b>	37 A
<b>Input harmonic distortion</b>	Less than 5 % for full load
<b>Input Power Factor at Full Load</b>	0.99
<b>Input voltage limits</b>	304...477 V
<b>Input protection type</b>	Circuit breaker and fuse
<b>Network frequency</b>	45...65 Hz

## Output

Maximum configurable power in VA	20 kVA
Maximum configurable power in W	20 kW
Output frequency	50 Hz sync to mains 60 Hz sync to mains
Harmonic distortion	Less than 3 %
Output harmonic distortion	< 5.5% at 100% non-linear load
Output overload operation	10 minutes at 125% and 60 seconds at 150%
Output voltage tolerance	+/- 1.5 %
UPS type	Double conversion online
Additional information	UPS weight does not include battery weight.
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	0...95 % non-condensing
Storage altitude	0.00...15240.00 m
Acoustic level	60 dBA
Heat dissipation	870 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	3
Number of battery free slots	0
Max current discharge	54 A
Discharge battery voltage	+/- 198 V DC

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	164 cm
Package 1 Width	101.4 cm

<b>Package 1 Length</b>	56.3 cm
<b>Package 1 Weight</b>	242 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) <a href="#">EU RoHS Declaration</a>
<b>Mercury free</b>	Yes
<b>China RoHS Regulation</b>	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
<b>RoHS exemption information</b>	Yes
<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
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## Recommended replacement(s)