

# Product data sheet

Specifications



## Easy UPS 3S 20 kVA 400V 3:1 UPS, 2 internal 7Ah modular battery strings, expandable to 3

E3SUPS20K3IB1

### Overview

**Presentation** 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 2 internal 7Ah modular battery strings, expandable to 3 strings for extended runtime.

**Lead Time** Usually Ships within 6 Weeks

### Main

**Main Input Voltage** 400 V 3 phases

**Product Or Component Type** Uninterruptible power supply (UPS)

**Other Input Voltage** 380 V  
415 V

**Main Output Voltage** 230 V

**Other Output Voltage** 220 V  
240 V

**Rated Power In W** 20 kW

**Rated Power In Va** 20 kVA

**Provided Equipment** Dust filter  
Installation guide

### Batteries & Runtime

**Efficiency** [View Efficiency Graph](#)

**Battery Type** VRLA

**Battery Voltage** 240 V

**Maximum Short-Circuit Current** 10 kA

**Number Of Battery Filled Slots** 2

**Number Of Battery Free Slots** 1

**Max Current Discharge** 54 A

**Discharge Battery Voltage** +/- 198 V DC

### Physical

**Colour** White (RAL 9003)

**Height** 140 cm

**Width** 38 cm

**Depth** 90.7 cm

Net Weight	177 kg
Usb Compatible	Yes

## Input

Maximum Input Current	37 A
Input Harmonic Distortion	Less than 5 % for full load
Input Power Factor At Full Load	0.99
Input Voltage Limits	304...477 V
Input Protection Type	Circuit breaker and fuse
Network Frequency	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 W
Ip Degree Of Protection	IP20

## Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1

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<b>Package 1 Height</b>	164 cm
<b>Package 1 Width</b>	101.4 cm
<b>Package 1 Length</b>	56.3 cm
<b>Package 1 Weight</b>	186 kg

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## **Contractual warranty**

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**Warranty** 1 year on-site repair or replace with factory authorized Start-Up

## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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[Guide to assess a product's sustainability >](#)



Transparency RoHS/REACH

## Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information [Yes](#)

## Certifications & Standards

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive Pro-active compliance (Product out of EU RoHS legal scope)

China Rohs Regulation [China RoHS declaration](#)  
Product out of China RoHS scope. Substance declaration for your information

Environmental Disclosure [Product Environmental Profile](#)

Circularity Profile [End of Life Information](#)