

# Product datasheet

Specifications



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

E3SUPS20KHB1

### Overview

**Presentation** Easy-to-install, easy-to-operate, easy-to-maintain, and easy-to-service 20 kVA, 400V 3-phase 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** 400 V 3 phases

**Other Output Voltage** 380 V  
415 V

**Rated power in W** 20 kW

**rated power in VA** 20 kVA

**Provided equipment** Dust filter  
Installation guide

**Range of product** Easy UPS 3S

### 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

### Physical

**Colour** White (RAL 9003)

**Height** 140 cm

**Width** 38 cm

**Depth** 92.8 cm

**Net weight** 446 kg

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

USB compatible	Yes
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## Input

Maximum input current	37 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	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	< 3% linear load
Output voltage tolerance	+/- 1.5 %
UPS type	Double conversion online
Additional information	UPS weight does not include battery weight.

## 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...3333 ft
Ambient air temperature for storage	-15...40 °C
Storage Relative Humidity	0...95 % non-condensing
Storage altitude	0.000000000...15240.000000000 m
Acoustic level	60 dBA
Heat dissipation	900 W
IP degree of protection	IP20

## 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
Package 1 Length	56.3 cm

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Package 1 Weight

494 kg

## Contractual warranty

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Warranty

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

## 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

Carbon footprint (kg.eq.CO2 per CR, Total Life cycle) **25788**

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](#) **Pro-active compliance (Product out of EU RoHS legal scope)**

SCIP Number **Dc6af940-cee3-4c52-a4a7-fc487db91a72**

REACH Regulation [REACH Declaration](#)

## Use Again

### Repack and remanufacture

Circularity Profile [End of Life Information](#)

Take-back **No**