

# 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.

### Main

<b>Main Input Voltage</b>	400 V AC 3 phases 380 V AC 3 phases 415 V AC 3 phases
<b>Input voltage</b>	380 V 415 V
<b>Maximum input current</b>	37 A
<b>Input harmonic distortion</b>	Less than 3 % for full load
<b>Load power factor</b>	0.9 leading to 0.9 lagging
<b>Cos phi</b>	0.99
<b>Input voltage limits</b>	304...477 V
<b>Network frequency</b>	45...65 Hz
<b>Output voltage</b>	400 V AC 3 phases 380 V AC 3 phases 415 V AC 3 phases
<b>Output voltage</b>	380 V 415 V
<b>Rated power in W</b>	20 kW
<b>Rated power in VA</b>	20 kVA
<b>Harmonic distortion</b>	Less than 3 %
<b>Maximum configurable power in VA</b>	20 kVA
<b>Maximum configurable power in W</b>	20 kW
<b>Output harmonic distortion</b>	< 3% linear load
<b>Output voltage tolerance</b>	+/- 1.5 %
<b>UPS type</b>	Double conversion online
<b>Output frequency</b>	50 Hz sync to mains 60 Hz sync to mains

### Complementary

**Additional information** UPS weight does not include battery weight.

Maximum short-circuit current	10 kA
Battery type	Lead-acid internal
UPS connectivity	Optional network management card 3
Colour	White (RAL 9003)
Height	140 cm
Width	38 cm
Depth	92.8 cm
Product weight	446 kg
USB compatible	Yes
Provided equipment	Dust filter Installation guide
Range of product	Easy UPS 3S
Product or component type	Uninterruptible power supply (UPS)

## Environment

Product certifications	CE EAC RCM
Ambient air temperature for operation	0...40 °C
Ambient air temperature for storage	-15...40 °C
Storage altitude	0...15240 m
IP degree of protection	IP20
Relative humidity	0...95 % non-condensing
Storage Relative Humidity	0...95 % non-condensing
Acoustic level	60 dBA
Heat dissipation	900 W
Operating altitude	0...3333 ft

## Batteries & Runtime

Battery type	VRLA
Battery voltage	240 V
Number of battery filled slots	2
Number of battery free slots	1

## 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
Package 1 Weight	494 kg

## Contractual warranty





## 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

Total lifecycle Carbon footprint	26 518 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	2 064 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	42 kg CO2 eq.
Carbon footprint of the installation phase [A5]	42 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	23 888 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	483 kg CO2 eq.
Environmental Disclosure	<a href="#">Product Environmental Profile</a>

## Use Better



### Materials and Substances

Packaging made with recycled cardboard	No
Packaging without single use plastic	No
SCIP Number	Dc6af940-cee3-4c52-a4a7-fc487db91a72
EU RoHS Directive	<a href="#">Compliant By Exemption</a>
REACH Regulation	<a href="#">Reference contains Substances of Very High Concern above the threshold</a>

## Use Longer



### Lifetime extension

Repair	No
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## Use Again



### Repack and remanufacture


Recyclability potential, in %	82
End of life manual availability	<a href="#">End of Life Information</a>
Take-back	No
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Image of product / Alternate images

Alternative

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