

Product datasheet

Specifications



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

E3SUPS20KHB2

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 3 internal 7Ah modular battery strings.

Lead time Usually Ships within 6 Weeks

Main

Main Input Voltage 400 V AC 3 phases
380 V AC 3 phases
415 V AC 3 phases

Input voltage 380 V
415 V

Maximum input current 37 A

Input harmonic distortion Less than 3 % for full load

Load power factor 0.9 leading to 0.9 lagging

Cos phi 0.99

Input voltage limits 304...477 V

Network frequency 45...65 Hz

Output voltage 400 V AC 3 phases
380 V AC 3 phases
415 V AC 3 phases

Output voltage 380 V
415 V

Rated power in W 20 kW

rated power in VA 20 kVA

Harmonic distortion Less than 3 %

Maximum configurable power in VA 20 kVA

Maximum configurable power in W 20 kW

Output harmonic distortion < 3% linear load

Output voltage tolerance +/- 1.5 %

UPS type Double conversion online

Output frequency 50 Hz sync to mains
60 Hz sync to mains

Complementary

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

Battery type	VRLA
Additional information	UPS weight does not include battery weight.
Battery voltage	240 V
Maximum short-circuit current	10 kA
Number of battery filled slots	3
Number of battery free slots	0
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
Net 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

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

Warranty (in months)	12
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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	26 863 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Carbon footprint of the manufacturing phase [A1 to A3]	2 334 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	47 kg CO2 eq.
Carbon footprint of the installation phase [A5]	47 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]	546 kg CO2 eq.

Use Better



Materials and Substances

Packaging made with recycled cardboard	No
Packaging without single use plastic	No
SCIP Number	Dc6af940-cee3-4c52-a4a7-fc487db91a72

Use Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Recyclability potential, in %	82
End of life manual availability	End of Life Information
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

