

Product datasheet

Specifications



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

E3SUPS20K3IB1

Price: 172,040.00 ZAR

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 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 5 % for full load

Input protection type Circuit breaker and fuse

Cos phi 0.99

Input voltage limits 304...477 V

Network frequency 45...65 Hz

Output voltage 230 V AC 3 phases
220 V AC 3 phases
240 V AC 3 phases

Output voltage 220 V
240 V

Rated power in W 20 kW

rated power in VA 20 kVA

Crest factor 3 : 1

Harmonic distortion Less than 3 %

Maximum configurable power in VA 20 kVA

Maximum configurable power in W 20 kW

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

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

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

Complementary

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	2
Number of battery free slots	1
Max current discharge	54 A
Discharge battery voltage	+/- 198 V DC
Battery type	Lead-acid internal
UPS connectivity	Optional network management card 3
Colour	White (RAL 9003)
Height	140 cm
Width	38 cm
Depth	90.7 cm
Net weight	177 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	870 W
Operating altitude	0...3281 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	186 kg
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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 28 493 kg CO2 eq.

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)

REACH Regulation [REACH Declaration](#)

Use Longer



Lifetime extension

Repair No

Use Again



Repack and remanufacture

End of life manual availability [End of Life Information](#)

Take-back No

Image of product / Alternate images

Alternative

