

Product datasheet

Specifications



Easy UPS 3S 20kVA 400V 3:3 UPS for external batteries

E3SUPS20KH

Overview

Presentation High-efficiency 3-phase UPS that features advanced product features, competitive specifications, and robust electrical design, making business continuity easy in the data center or electrical room. This is an exceptionally easy to install, operate, maintain, and service 20 kVA UPS, ideal for small and medium businesses. Includes dust filter and conformance-coated boards for harsh environments. This UPS is supplied without batteries, so you can easily customize the battery solution.

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

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

Bypass type Built-in maintenance bypass

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 < 3% linear load

Output overload operation 10 minutes at 125% and 60 seconds at 150%

UPS type Double conversion online

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

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Complementary

Maximum short-circuit current	10 kA
Battery type	Lead-acid external
UPS connectivity	Optional network management card 3
Colour	White (RAL 9003)
Height	77 cm
Width	25 cm
Depth	80 cm
Product weight	58 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...14999.8 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...3281 ft

Batteries & Runtime

Battery type	External battery system
Number of battery filled slots	0
Number of battery free slots	0

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	101.5 cm
Package 1 Width	98.2 cm
Package 1 Length	40 cm
Package 1 Weight	75 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	24 810 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	723 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	15 kg CO2 eq.
Carbon footprint of the installation phase [A5]	15 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]	169 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
SCIP Number	Dc6af940-cee3-4c52-a4a7-fc487db91a72
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold

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	Nej
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



