

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 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 External battery system

Maximum short-circuit current 10 kA

Number of battery filled slots 0

Number of battery free slots 0

Physical

Colour White (RAL 9003)

Height 77 cm

Width 25 cm

Depth 80 cm

Net weight 58 kg

USB compatible Yes

Input

Maximum input current	37 A
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 overload operation	10 minutes at 125% and 60 seconds at 150%
UPS type	Double conversion online
Bypass type	Built-in maintenance bypass
Crest factor	3 : 1

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...3281 ft
Ambient air temperature for storage	-15...40 °C
Storage Relative Humidity	0...95 % non-condensing
Storage altitude	0.000000000...14999.8 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	101.5 cm
Package 1 Width	98.2 cm
Package 1 Length	40 cm
Package 1 Weight	75 kg

Contractual warranty

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)	24080
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Environmental Disclosure	Product Environmental Profile
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Use Better

Materials and Substances

Packaging made with recycled cardboard	No
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Packaging without single use plastic	No
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EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
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SCIP Number	Dc6af940-cee3-4c52-a4a7-fc487db91a72
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REACH Regulation	REACH Declaration
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China RoHS Regulation	China RoHS declaration
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Use Again

Repack and remanufacture

Circularity Profile

End of Life Information

Take-back

No

Image of product / Alternate images

Alternative

