Product datasheet

Specifications



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

E3SUPS20KH

To be discontinued on: 31 Mar 2027

To be end-of-service on: 30 Sep 2036

To be discontinued

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.

Main

Main input voltage	400 V AC 3 phases 380 V AC 3 phases 415 V AC 3 phases
Other 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
Efficiency at full load	304...477 V
Input frequency	45...65 Hz
Output voltage	400 V AC 3 phases 380 V AC 3 phases 415 V AC 3 phases
Other 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 topology	Double conversion online
Output frequency	50 Hz sync to mains 60 Hz sync to mains

Excluding VAT, FCA Jabal Ali & are subject to change – check with your local distributor.

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
Color	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 certification	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 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
Included battery module	0
Empty battery slot	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

Warranty (in months)	12

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**

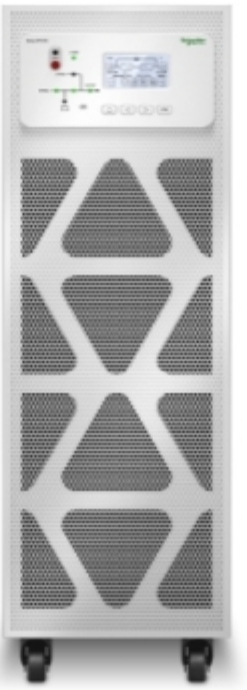
Use Again

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





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