Product datasheet

Specifications

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

E3SUPS20KHB

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 for internal batteries, but is supplied without batteries, so you can easily customize the battery runtime. For battery runtime details, see the runtime charts published under the Documents tab.
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	VRLA
Battery voltage	240 V
Maximum short-circuit current	10 kA
Number of battery filled slots	0
Number of battery free slots	3

Physical

Colour	White (RAL 9003)
Height	140 cm
Width	38 cm
Depth	92.8 cm

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

Net weight	122 kg
USB compatible	Yes

Input

Maximum input current	37 A
Input harmonic distortion	Less than 3 % for full load
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 voltage tolerance	+/- 1.5 %
UPS type	Double conversion online

Conformance

Product certifications	CE EAC RCM

Environmental

Ambient air temperature for operation	0…40 °C
Relative humidity	0…95 % non-condensing
Operating altitude	0...3333 ft
Ambient air temperature for storage	-15…40 °C
Storage Relative Humidity	0…95 % non-condensing
Storage altitude	0.0000000000…15240.0000000000 m
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	164 cm
Package 1 Width	101.4 cm
Package 1 Length	56.3 cm
Package 1 Weight	158 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)	**25100**
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)**
SCIP Number	**Dc6af940-cee3-4c52-a4a7-fc487db91a72**
REACh Regulation	**REACh Declaration**
China RoHS Regulation	**China RoHS declaration**

Use Again

↻ Repack and remanufacture

Circularity Profile	**End of Life Information**
Take-back	**No**

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Image of product / Alternate images

Alternative