Product datasheet

Specifications

Green Premium™

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

E3SUPS20KHB1

Overview

Presentation	Easy-to-install, easy-to-operate, easy-to-maintain, and easy-to-service 20 kVA, 400V 3-phase 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 3 phases
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

Batteries & Runtime

Efficiency	View Efficiency Graph
Battery Type	VRLA
Battery Voltage	240 V
Maximum Short-Circuit Current	10 kA
Number Of Battery Filled Slots	2
Number Of Battery Free Slots	1

Physical

Colour	White (RAL 9003)
Height	140 cm
Width	38 cm
Depth	92.8 cm
Net Weight	446 kg
Usb Compatible	Yes

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

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

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
Additional Information	UPS weight does not include battery weight.

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	0.00…15240.00 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	164 cm
Package 1 Width	101.4 cm
Package 1 Length	56.3 cm
Package 1 Weight	494 kg

Contractual warranty

Warranty	1 year on-site repair or replace with factory authorized Start-Up

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

Transparency RoHS/REACh

Well-being performance

Mercury Free

Rohs Exemption Information	Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information