

Product data sheet

Specifications



Easy UPS 3S 20kVA 208V 3:3 UPS, 3 internal 7Ah modular battery strings, expandable to 4

E3SUPS20KFB1

Overview

Presentation	Easy-to-install, easy-to-operate, easy-to-maintain, and easy-to-service 20 kVA, 208V 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 3 internal 7Ah modular battery strings
Lead Time	Usually Ships within 6 Weeks

Main

Main Input Voltage	208 V
Product Or Component Type	Uninterruptible power supply (UPS)
Other Input Voltage	200 V 220 V
Main Output Voltage	208 V 3 phases
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	+/- 120 V
Maximum Short-Circuit Current	10 kA
Number Of Battery Filled Slots	0
Number Of Battery Free Slots	2
Discharge Battery Voltage	+/- 96 V

Physical

Colour	White (RAL 9003)
Height	140 cm
Width	50 cm
Depth	96.9 cm
Net Weight	158 kg
Usb Compatible	Yes

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	68 A
Input Harmonic Distortion	Less than 4 % for full load
Load Power Factor	From 0.9 leading to 1 lagging
Input Power Factor At Full Load	0.99
Input Voltage Limits	180...253 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
Output Harmonic Distortion	< 2% for 0 to 100% linear load and < 6% for full non-linear load
Output Overload Operation	10 minutes at 125% and 60 seconds at 150%
Ups Type	Double conversion online
Additional Information	UPS weight does not include battery weight.

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...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	63 dB
Heat Dissipation	1701 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	111.4 cm
Package 1 Length	68.3 cm
Package 1 Weight	195 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-CO₂ 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	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	End of Life Information