

Product data sheet

Specifications



Easy UPS 3S 20 kVA 208V 3:3 UPS for internal batteries, Start-up 5x8

E3SUPS20KFBS

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. Includes 5x8 start-up service.

Lead time Usually Ships within 2 Weeks

Main

Main Input Voltage	208 V 3 phase
Product or Component Type	Uninterruptible power supply (UPS)
Other Input Voltage	220 V
Main Output Voltage	208 V 3 phase
Other Output Voltage	220 V
Kw Rating	20 kW
rated power in VA	20 kVA
Provided equipment	Dust filter Installation manual Start-Up Service
Range of Product	Easy UPS 3S

Batteries & Runtime

Efficiency	View Efficiency Graph
Battery Type	Internal modular battery
Battery Voltage	+/- 120 V
Maximum short-circuit current	10 kA
End of Discharge Battery Voltage	+/- 96 V

Physical

color	White RAL 9003)
Height	55.12 in (140 cm)
Width	14.96 in (38 cm)
Depth	37.80 in (96 cm)
Net Weight	291.01 lb(US) (132 kg)

Input

Maximum Input Current per Phase	61 A
Maximum Short Circuit Withstand (I _{cw})	10 kA
Input Total Harmonic Distortion	Less than 4% for full load
Load power factor	From 0.7 leading to 0.7 lagging without any derating
Input Frequency	40 - 70 Hz

Output

Maximum configurable power in VA	20 kVA
Max Configurable Power (Watts)	20 kW
Output Frequency (sync to mains)	50 Hz sync to mains 60 Hz sync to mains
Overload Operation	10 minutes @ 125% and 60 seconds @ 150%
Topology	Double Conversion Online
Bypass type	Built-in Static Bypass

Conformance

Product Certifications	UL 1778 5th edition IEC 62040-2 FCC part 15 class B IEC 62040-3 cTUVus ISTA 2B
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Environmental

Ambient air temperature for operation	32...104 °F (0...40 °C)
Relative Humidity	0...95 % non-condensing
Operating altitude	0...4921 ft
Ambient Air Temperature for Storage	5...104 °F (-15...40 °C)
Storage Relative Humidity	0...95 % non-condensing
Storage altitude	0.0000000000...49212.6 ft (0...15000 m)
Acoustic level	68 dBA
Online Thermal Dissipation	1400 W
IP degree of protection	IP20

Communications & Management

control panel	Touch Screen LCD User Interface
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Ordering and shipping details

GTIN	731304433699
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Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	62.8 in (1595 mm)

Package 1 Width	47.2 in (1200 mm)
Package 1 Length	31.5 in (800 mm)
Package 1 Weight	363.8 lb(US) (165 kg)


Contractual warranty

Warranty	1 year on-site repair or replace with factory authorized Start-Up
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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 >](#)

Use Better

 Materials and Substances	
Packaging made with recycled cardboard	No
Packaging without single use plastic	No
EU RoHS Directive	Compliant with Exemptions
SCIP Number	422663a7-baeb-4cb7-bbc6-b99e5d0c5821
REACH Regulation	REACH Declaration
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Use Again


 Repack and remanufacture	
Take-back	No

Image of product / Alternate images

Alternative



