

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

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

Batteries & Runtime

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	0.00...49212.60 ft (0...15000 m)
Acoustic level	68 dBA
Heat dissipation	1400 Btu/h
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	62.80 in (1595 mm)

Package 1 Width	47.24 in (1200 mm)
Package 1 Length	31.50 in (800 mm)
Package 1 Weight	363.76 lb(US) (165 kg)

Offer Sustainability

Sustainable offer status	Green Premium product
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
REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information.
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information

Contractual warranty

Warranty	1 year on-site repair or replace with factory authorized Start-Up
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Recommended replacement(s)