

Product data sheet

Specifications



Easy UPS 3S 20 kVA 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

Rated power in W	20000 W
Rated power in VA	20000 VA
Output voltage	400 V 3 phases
Output voltage	380 V 415 V

General

Provided equipment	Dust filter Installation guide
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Physical

Height	140 cm
Width	38 cm
Depth	92.8 cm
Net weight	446 kg
Colour	White (RAL 9003)

Input

Input voltage	400 V 3 phases
Maximum input current	37 A
Input harmonic distortion	Less than 3 % for full load
Load power factor	0.9 leading to 0.9 lagging
Cos phi	0.99
Input voltage	380 V 415 V
Input voltage limits	304...477 V

Network frequency	45...65 Hz
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Output

Maximum configurable power in VA	20000 VA
Maximum configurable power in W	20000 W
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
Standards	IEC 62040-1-1 IEC 62040-2 IEC 62040-3 IEC 62040-4 ISTA 2B

Environmental

Acoustic level	60 dBA
Heat dissipation	900 Btu/h
Operating altitude	0...3333 ft
Ambient air temperature for operation	0...40 °C
Ambient air temperature for storage	-15...40 °C
Storage altitude	0.00...15240.00 m
IP degree of protection	IP20
Relative humidity	0...95 % non-condensing
Storage Relative Humidity	Non-condensing 0...95 %

Batteries & Runtime

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

Packing Units

Package 1 Weight	494 kg
Package 1 Height	164 cm
Package 1 width	56.3 cm
Package 1 Length	101.4 cm

Offer Sustainability

REACH Regulation	REACH Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Optimized Energy Efficiency	Energy efficient product

Contractual warranty

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