



Overview

Lead time	Usually in Stock
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General

Provided equipment	CD with software Rack mounting support rails Smart UPS signalling RS-232 cable User manual Web/SNMP management card
Performance multiplier	1
Number of tare power	175 W
Number of power module free slots	0
Number of power module filled slots	0
Redundant	No
Size UPS version	Internetworking Server Telecom
UPS size	S
Value multiplier	1

Physical

Number of rack unit	12U
Colour	Black
Depth	77.3 cm
Height	53.3 cm
Mounting location	Front
Mounting preference	Lower
Net weight	247.73 kg
Mounting mode	Rack-mounted
Two post mountable	0

USB compatible	No
Width	43.2 cm

Input

Network frequency	40...70 Hz auto-sensing
Number of input connectors	1 hard wire 3-wire (1P + N + E) 1 hard wire 5-wire (3P + N + E)
Input voltage limits	160...280 V
Inputvolt_other	220 V 240 V
Maximum input current	115 A
Switching current capacity	125 A
Input harmonic distortion	Less than 5 % for full load
Input current	115 A (1 phase) 38.3 A per phase (3 phases)
Input voltage	230 V 400 V 3 phases
Cos phi	0.98

Output

Rated power in W	16000 W
Maximum configurable power in W	16000 W
Harmonic distortion	Less than 5 %
Output frequency	50/60 Hz +/- 3 Hz user adjustable +/- 0.1 Hz sync to mains
Outputvolt_other	220 V 240 V
Crest factor	3 : 1
UPS type	Double conversion online
Wave type	Sine wave
Output connector type	Hard wire 3-wire (H N + E) 1 Hard wire 5-wire (3P + N + E) 1
Nb of power socket outlets	2 IEC Jumpers 8 IEC 60320 C19
Output overload operation	60 seconds at 125% and 30 seconds at 150%
Bypass type	Built-in static bypass Internal bypass (automatic and manual) Optional external bypass
Curve equation	Efficiency
Curve fixed loss	0.0119
Curve load maximum	100 %
Curve load minimum	2 %
Curve proportional loss	0
Curve square loss	0.055
Curve X-axis maximum	100 %
Curve test cond ID	Curve fit to measured efficiency data. All measurements taken in normal operating mode, at typical environmental conditions, with nominal electrical input and balanced resistive load (PF = 1.0) output.
Curve X-axis minimum	0 %
Curve X-axis title	Load
Curve X-axis units	Percentage
Curve Y-axis maximum	100 %
Curve Y-axis minimum	50 %
Curve Y-axis title	Efficiency
Curve Y-axis units	Percentage
Efficiency	93 % (in battery operation)
Graph display	1

Output voltage	230 V
Maximum configurable power in VA	20000 VA
Rated power in VA	20000 VA

Conformance

Product certifications	BSMI VDE
Standards	EN/IEC 62040-2 EN/IEC 62040-1-1

Environmental

Ambient air temperature for operation	0...40 °C
Relative humidity	0...95 % non-condensing
Operating altitude	0...10000 ft
Ambient air temperature for storage	-15...45 °C
Storage Relative Humidity	Non-condensing 0...95 %
Storage altitude	0.00...15240.00 m
Acoustic level	59 dBA
Heat dissipation	3770 Btu/h
Show note OP temperature	No
IP degree of protection	IP20

Batteries & Runtime

Battery type	Lead-acid battery
Number of battery filled slots	4
Number of battery free slots	0
Battery recharge time	2.5 h
Number of battery replacement quantity	4
Additional information	Configurable for 400 or 415 V 3 Phase nominal output voltage
Liquid value	0
Battery voltage	+/- 192 V (split battery referenced to neutral)
Discharge battery voltage	+/- 154 V
Battery curve	C
Battery charger power	1530 W rated
Battery power in VAh	3840 VAh runtime
Battery life	3...5 year(s)
Battery option	SURT192RMXLB2 1 7680 VAh SURT192RMXLB2 2 11520 VAh SURT192RMXLB2 3 15360 VAh SURT192RMXLB2 4 19200 VAh SURT192RMXLB2 5 23040 VAh SURT192RMXLB2 6 26880 VAh SURT192RMXLB2 8 34560 VAh SURT192RMXLB2 9 38400 VAh
Extended runtime	1

Communications & Management

Free slots	0
Preinstalled device	Network management card 2 with environmental monitoring
Control panel	Multifunction LCD status and control console
Alarm	Audible and visible alarms : configurable delays
Emergency power off	Yes

Surge Protection and Filtering

Noise suppression	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : meets UL 1449
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Packing Units

Package 1 Weight	314.09 kg
Package 1 Height	99 cm
Package 1 width	61 cm
Package 1 Length	100.3 cm
Number of Units in Package 3	1

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life 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	2 years repair or replace
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