



Overview

Lead time	Usually in Stock
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General

Provided equipment	CD with software Relay board Smart UPS signalling RS-232 cable User manual
Performance multiplier	1
Number of power module	700
Number of tare power	48 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	WS
Value multiplier	1
Variant option	Shipboard

Physical

Cable length	2.50 m
Number of rack unit	2U
Colour	Black
Depth	48.3 cm
Height	43.2 cm
Mounting location	Front
Mounting preference	Lower
Net weight	23 kg

Mounting mode	Rack-mounted
Two post mountable	0
USB compatible	No
Width	8.5 cm

Input

Network frequency	50/60 Hz +/- 5 Hz auto-sensing
Plug standard	IEC 60320 C14
Input voltage limits	100...280 V adjustable 180...280 V
Inputvolt_other	220 V 240 V
Number of cables	1
Input voltage	230 V
Cos phi	1

Output

Rated power in W	700 W
Maximum configurable power in W	700 W
Harmonic distortion	Less than 3 %
Output frequency	50/60 Hz +/- 3 Hz user adjustable +/- 0.1 Hz sync to mains 60 Hz +/- 0.1 % for 60 Hz nominal unsynchronised 50 Hz +/- 0.1 % for 50 Hz nominal unsynchronised
Outputvolt_other	220 V 240 V
Crest factor	3 : 1
UPS type	Double conversion online
Wave type	Sine wave
Nb of power socket outlets	6 IEC 60320 2 IEC Jumpers
Bypass type	Built-in bypass
Curve equation	Efficiency
Curve load maximum	100 %
Curve X-axis maximum	100 %
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	88 % (full load)
Graph display	1
Output voltage	230 V
Maximum configurable power in VA	1000 VA
Rated power in VA	1000 VA

Conformance

Product certifications	CE DNV KCC
Standards	EN 50091-1 EN 50091-2 EN 55022 class A EN 60950

Environmental

Ambient air temperature for operation	0...55 °C
Relative humidity	0...95 % non-condensing
Operating altitude	0...10000 ft
Ambient air temperature for storage	-20...50 °C
Storage Relative Humidity	Non-condensing 0...95 %
Storage altitude	0.00...15240.00 m
Acoustic level	55 dBA
Heat dissipation	324 Btu/h
Show note OP temperature	No
IP degree of protection	IP20

Batteries & Runtime

Battery type	Lead-acid battery
Number of battery filled slots	1
Number of battery free slots	0
Battery recharge time	3 h
Number of battery replacement quantity	1
Additional information	Configurable for 220 : 230 or 240 nominal output voltage
Liquid value	0
Battery curve	C
Battery charger power	109 W rated
Battery power in VAH	328 VAh runtime
Battery life	3...5 year(s)
Battery option	SURT48XLBP 1 984 VAh SURT48XLBP 2 1640 VAh SURT48XLBP 3 2296 VAh SURT48XLBP 4 2952 VAh SURT48XLBP 5 3608 VAh SURT48XLBP 8 5576 VAh SURT48XLBP 10 6888 VAh
Extended runtime	1

Communications & Management

Free slots	0
Preinstalled device	Dry contact I/O smartslot card
Control panel	LED status display with load and battery bar-graphs and on line : on battery : replace battery : overload and bypass indicators
Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
Emergency power off	Optional

Surge Protection and Filtering

Surge energy rate	420 J
Noise suppression	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : meets UL 1449

Packing Units

Package 1 Weight	27.8 kg
Package 1 Height	28.6 cm
Package 1 width	63 cm
Package 1 Length	59.4 cm

Number of Units in Package 3	6
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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, optional on-site warranties available, optional extended warranties available
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