Product data sheet
Characteristics

SURT1000XLIM
APC Smart-UPS RT 1000VA 230V - Marine

APC by Schneider Electric

Green Premium Product

Overview

Lead time	Usually in Stock

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	8.2 ft (2.50 m)
Number of rack unit	2U
Color	Black
Depth	19.02 in (48.3 cm)
Height	17.01 in (43.2 cm)
Mounting location	Front
Mounting preference	Lower
Net weight	50.71 lb(US) (23 kg)
Mounting mode	Rack-mounted
Two post mountable	0
USB compatible	No
Width	3.35 in (8.5 cm)

Input

Input Frequency	50/60 Hz +/- 5 Hz auto-sensing
Plug standard	IEC 60320 C14
Efficiency at full load	100...280 V adjustable 180...280 V
Other Input Voltages	220 V 240 V
Number of cables	1
Nominal Input Voltage	230 V
Cos phi	1

Output

Kw Rating	700 W
Max Configurable Power (Watts)	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 not synced 50 Hz +/- 0.1 % for 50 Hz nominal unsynchronised
Other Output Voltages	220 V 240 V
Crest factor	3 : 1
Topology	Double Conversion Online
Waveform 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 at full load	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 EN 61000-3-2

Environmental

Ambient air temperature for operation	32…131 °F (0…55 °C)
Relative humidity	0…95 % non-condensing
Operating altitude	0...10000 ft
Ambient air temperature for storage	-4…122 °F (-20…50 °C)
Storage Relative Humidity	Non-condensing 0…95 %
Storage altitude	0…50000 ft (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
Included Battery Modules	1
Battery Slots Empty	0
Typical recharge time	3 h
RBC Quantity	1
Additional information	Configurable for 220 : 230 or 240 nominal output voltage
Liquid Electrolyte Value	0
Battery curve	C
Battery Charge Power (Watts)	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
Extendable Run Time	1

Communications & Management

Free slots	0
Pre-Installed SmartSlot™ Cards	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
Audible Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
Emergency Power Off (EPO)	Optional

Surge Protection and Filtering

Surge energy rating	420 J
Filtering	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : m

Ordering and shipping details

GTIN	00731304283515
Package weight(Lbs)	61.29 lb(US) (27.8 kg)

Packing Units

Package 1 Height	11.26 in (28.6 cm)
Package 1 width	24.80 in (63 cm)
Package 1 Length	23.39 in (59.4 cm)
Number of Units in Package 3	6

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
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