

# Product data sheet

Specifications



## APC Smart-UPS RT 3000VA 230V - Marine

SURTD3000XLIM

### Overview

Presentation	High density, double-conversion on-line power protection with scalable runtime.
Lead time	Usually in Stock

### Main

Main Input Voltage	230 V
Other Input Voltage	220 V 240 V
Main Output Voltage	230 V
Other Output Voltage	220 V 240 V
Kw Rating	2100 W
Rated power in VA	3000 VA
Input Connection Type	BS1363A British IEC 60320 C20 Schuko CEE 7 / EU1-16P
Nb of power socket outlets	8 IEC 60320 2 IEC Jumpers 2 IEC 60320
Number of rack unit	3U
Cable length	8 ft (2.44 m)
Number of cables	1
Battery Type	Lead-Acid battery
Provided equipment	CD with software Relay board Smart UPS signalling RS-232 cable User Manual

### General

Number of power module free slots	0
Number of power module filled slots	0
Redundant	No

### Physical

Color	Black
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Height	17.01 in (43.2 cm)
Width	5.12 in (13 cm)
Depth	25.98 in (66 cm)
Net Weight	120.26 lb(US) (54.55 kg)
Mounting Location	Front
Mounting preference	Lower
Mounting Mode	Rack-mounted
Two post mountable	0
USB compatible	No

## Input

Input Frequency	50/60 Hz +/- 5 Hz auto-sensing
Efficiency at full load	180...270 V

## Output

Max Configurable Power (Watts)	2100 W
Harmonic distortion	Less than 3%
Output Frequency (sync to mains)	50/60 Hz +/- 3 Hz user adjustable +/- 0.1 sync to mains
Crest factor	3 : 1
Topology	Double Conversion Online
Waveform Type	Sine wave
Bypass type	Internal Bypass (Automatic and Manual)
Maximum configurable power in VA	3000 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	5...113 °F (-15...45 °C)
Storage Relative Humidity	0...95 % Non-condensing
Storage altitude	0...50000 ft (0.00...15240.00 m)
Acoustic level	55 dBA
Heat dissipation	609 Btu/h
IP degree of protection	IP20

Batteries & Runtime

Included Battery Modules	2
Typical recharge time	2.5 h
RBC Quantity	1
Additional information	Configurable for 220 : 230 or 240 nominal output voltage
Battery Charge Power (Watts)	359 W rated
Battery power in VAH	900 VAh runtime
Battery Life	3...5 year(s)
Battery option	SURT192XLBP 1 2820 VAh SURT192XLBP 2 4740 VAh SURT192XLBP 3 6660 VAh SURT192XLBP 4 8580 VAh SURT192XLBP 5 10500 VAh SURT192XLBP 6 12420 VAh SURT192XLBP 8 16260 VAh SURT192XLBP 10 20100 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)	Yes

Surge Protection and Filtering

Surge energy rating	555 J
Filtering	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : m

Ordering and shipping details

GTIN	731304283546
Package weight(Lbs)	140.30 lb(US) (63.64 kg)

Packing Units

Package 1 Height	13.66 in (34.7 cm)
Package 1 width	23.74 in (60.3 cm)
Package 1 Length	38.58 in (98 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>

Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>
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
Take-back	Take-back program available
<b>Contractual warranty</b>	
Warranty	2 years repair or replace, optional extended warranties available, optional on-site services available