

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 Voltages	220 V 240 V
Input Connection Type	BS1363A British IEC 60320 C20 Schuko CEE 7 / EU1-16P
Efficiency at full load	180...270 V
Input Frequency	50/60 Hz +/- 5 Hz auto-sensing
Output voltage	230 V
Other Output Voltages	220 V 240 V
Rated power in W	2100 W
rated power in VA	3000 VA
output connection type	8 IEC 60320 2 IEC Jumpers 2 IEC 60320
Bypass type	Internal Bypass (Automatic and Manual)
Crest factor	3 : 1
Harmonic distortion	Less than 3%
Maximum configurable power in VA	3000 VA
Max Configurable Power (Watts)	2100 W
Topology	On-Line
Waveform Type	Sine wave
Output Frequency (sync to mains)	50/60 Hz +/- 3 Hz user adjustable +/- 0.1 sync to mains

Complementary

Additional information	Configurable for 220 : 230 or 240 nominal output voltage
Emergency Power Off (EPO)	Yes
Free slots	0
Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Surge energy rating	555 J
Filtering	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : m
Number of rack unit	3U
Cable length	8 ft (2.4 m)
Number of cables	1
color	Black
Height	17.008 in (432 mm)
Width	5.1 in (130 mm)
Depth	26.0 in (660 mm)
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
Provided equipment	CD with software Relay board Smart UPS signalling RS-232 cable User Manual
Number of power module filled slots	0
Number of power module free slots	0
Redundant	No
Product or Component Type	Uninterruptible power supply (UPS)

Environment

Product Certifications	CE DNV KCC
Standards	EN/IEC 62040-1:2019/A11:2021 EN/IEC 62040-2:2006/AC:2006 EN/IEC 62040-2:2018
Ambient Air Temperature for Operation	32...131 °F (0...55 °C)
Ambient Air Temperature for Storage	5...113 °F (-15...45 °C)
Storage altitude	0...50000 ft (0...15240 m)
IP degree of protection	IP20
Relative Humidity	0...95 % non-condensing
Storage Relative Humidity	0...95 % non-condensing
Acoustic level	55 dBA
Heat dissipation	609 Btu/h
Operating altitude	0...10000 ft

Batteries & Runtime

Run Time

[View Runtime Graph](#) 

Efficiency	View Efficiency Graph 
Battery Type	Lead-Acid battery
Extendable Run Time	1
Included Battery Modules	2
Typical recharge time	2.5 h
RBC Quantity	1
Battery Life	3...5 year(s)
Replacement battery	APCRBC140 
Battery Charge Power (Watts)	359 W rated

Ordering and shipping details

GTIN	731304283546
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Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	13.7 in (34.7 cm)
Package 1 Width	23.7 in (60.3 cm)
Package 1 Length	38.6 in (98 cm)
Package weight(Lbs)	140.30 lb(US) (63.64 kg)

Contractual warranty

Warranty (in months)	24
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



Environmental footprint

Total lifecycle Carbon footprint	4 342 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	1 356 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	16 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	2 960 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	4 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile

Use Better



Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
SCIP Number	4282bd22-a353-4f82-bb5c-97bbd7f1d1e9
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold
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

Use Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Recyclability potential, in %	58
Circularity Profile	End of Life Information
Removable battery	User replaceable
Take-back	Yes
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Image of product / Alternate images

Alternative

