

Product data sheet

Specifications



APC Smart-UPS RT 6000VA, 208V, rackmount, 3U, 2x NEMA L6-20R & 2x NEMA L6-30R outlets

SURT6000RMXLT3U

⚠ Discontinued on: 10 June 2022

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Overview

Lead time	Usually in Stock
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Main

Main Input Voltage	208 V
Other Input Voltage	240 V
Main Output Voltage	208 V
Other Output Voltage	240 V
Rated power in W	4200 W
Rated power in VA	6000 VA
Input Connection Type	NEMA L6-30P
Nb of power socket outlets	2 NEMA L6-20R 2 NEMA L6-30R
Number of rack unit	3U
Cable length	3.05 m
Number of cables	1
Battery type	Lead-acid battery
Provided equipment	CD with software Rack mounting support rails 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

Colour	Black
Height	13 cm
Width	43.2 cm

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

Depth	66 cm
Net weight	54.55 kg
Mounting location	Front
Mounting preference	Lower
Mounting mode	Rack-mounted
Two post mountable	0
USB compatible	No

Input

Network frequency	50/60 Hz +/- 5 Hz auto-sensing
Input voltage limits	160...280 V

Output

Maximum configurable power in W	4200 W
Harmonic distortion	Less than 3 %
Output frequency	50/60 Hz +/- 3 Hz user adjustable +/- 0.1 Hz sync to mains
Crest factor	3 : 1
UPS type	Double conversion online
Wave type	Sine wave
Bypass type	Internal bypass (automatic and manual)
Efficiency	92 % (full load)
Maximum configurable power in VA	6000 VA

Conformance

Product certifications	CSA
Standards	FCC part 15 class A OSHDP UL 1778

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	0...95 % Non-condensing
Storage altitude	0.00...15240.00 m
Acoustic level	55 dBA
Heat dissipation	1324 Btu/h
IP degree of protection	IP20

Batteries & Runtime

Number of battery filled slots	2
Battery recharge time	2.5 h

Number of battery replacement quantity	1
Additional information	Configurable for 208 or 240 nominal output voltage
Battery charger power	421 W rated
Battery power in VAH	1056 VAh runtime
Battery life	3...5 year(s)
Battery option	SURT192RMXLBP3U 1 2304 VAh SURT192RMXLBP3U 2 3820 VAh SURT192RMXLBP3U 3 5336 VAh SURT192RMXLBP3U 4 6852 VAh SURT192RMXLBP3U 5 8640 VAh SURT192RMXLBP3U 6 10713 VAh SURT192RMXLBP3U 8 14859 VAh SURT192RMXLBP3U 10 19008 VAh
Extended runtime	1

Communications & Management

Free slots	0
Preinstalled device	Network management card 2 with environmental monitoring
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	Yes

Surge Protection and Filtering

Surge energy rate	555 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	63.64 kg
Package 1 Height	34.7 cm
Package 1 width	60.3 cm
Package 1 Length	98 cm
Number of Units in Package 3	6

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
Optimized Energy Efficiency	Energy efficient product
Take-back	Take-back program available

Contractual warranty

Warranty	2 years repair or replace
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Recommended replacement(s)

SURT6000RMXLT3U is replaced by:

1x



APC Smart-UPS On-Line, 6kVA/6kW, Rackmount 4U, 208V, 2x L6-20R+3x L6-30R NEMA outlets, Network Card+SmartSlot, Extended runtime, W/ rail kit
SRT6KRMXLT