Smart-UPS RT

APC Smart-UPS RT 8000VA RM 208V w/ 208V to 120V 2U Step-Down Transformer

SURT8000RMXLT-1TF5

DISCONTINUED: recommended replacement product SURT8KRMXL6UTF5

Email Technical Specifications
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More Images

APC Smart-UPS RT, 6400 Watts / 8000 VA,Input 208V / Output 120V, 208V, Interface Port DB-9 RS-232, RJ-45 10/100 Base-T, Smart-Slot, Rack Height 8 U

Includes: CD with software, Rack Mounting support rails, Service Manual, Smart UPS signalling RS-232 cable, User Manual, Web/SNMP Management Card

Runtime Chart

Technical Specifications | Product Overview | Documentation | Software & Firmware | Options | Compare Models

Output

Output Power Capacity	6400 Watts / 8000 VA
Max Configurable Power	6400 Watts / 8000 VA
Nominal Output Voltage	120V,208V
Output Voltage Note	Configurable for 208 or 240 nominal output voltage
Output Voltage Distortion	Less than 3%
Output Frequency (sync to mains)	50/60 Hz +/- 3 Hz user adjustable +/- 0.1
Crest Factor	3 : 1
Waveform Type	Sine wave
Output Connections	(1) Hard Wire 3-wire (2PH + G) (12) NEMA 5-20R (2) NEMA L6-20R (1) NEMA L6-30R
Bypass	Internal Bypass (Automatic and Manual)

Input

Nominal Input Voltage	208V
Input Frequency	50/60 Hz +/- 5 Hz (auto sensing)
Input Connections	Hard Wire 3-wire (2PH + G)
Input voltage range for main operations	160 - 280V

Batteries & Runtime

Battery Type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof
Included Battery Modules	4
Typical recharge time	2.20 hour(s)
Replacement Battery	RBC44
RBC™ Quantity	2
Typical Backup Time at Half Load	17.9 minutes (3200 Watts)
Typical Backup Time at Full Load	6.3 minutes (6400 Watts)
Runtime Chart	Smart-UPS RT

Communications & Management

Interface Port(s)	DB-9 RS-232,RJ-45 10/100 Base-T,Smart-Slot
Pre-Installed SmartSlot™ Cards	AP9619
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

Filtering	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : meets UL 1449

Physical

Maximum Height	352.00 mm
Maximum Width	432.00 mm
Maximum depth	663.00 mm
Rack Height	8U
Net Weight	156.82 KG
Shipping Weight	182.73 KG
Shipping Height	806.00 mm
Shipping Width	597.00 mm
Shipping Depth	991.00 mm
Color	Black

Environmental

Operating Environment	0 - 40 °C
Operating Relative Humidity	0 - 95%
Operating Elevation	0-3000 meters
Storage Temperature	-15 - 45 °C
Storage Relative Humidity	0 - 95%
Storage Elevation	0-15000 meters
Audible noise at 1 meter from surface of unit	55.00 dBA
Online Thermal Dissipation	1535.00 BTU/hr

Conformance

Regulatory Approvals	CSA,FCC Part 15 Class A,UL 1778
Standard Warranty	2 years repair or replace

**The time to recharge to 90% of full battery capacity following a discharge to shutdown using a load rated for 1/2 the full load rating of the UPS.

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