## Smart-UPS RT

# APC Smart-UPS RT 6000VA RM 208V w/ 208V to 120V 2U Step-Down Transformer

**SURT6000RMXLT-1TF5**

**DISCONTINUED**: recommended replacement product SURT6KRMXL3UTF5

Email Technical Specifications
Printer Friendly

More Images

APC Smart-UPS RT, 4200 Watts / 6000 VA,Input 208V / Output 120V, 208V, Rack Height 5 U

**Includes**: CD with software, Rack Mounting support rails, 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 | 4200 Watts / 6000 VA |
| Max Configurable Power | 4200 Watts / 6000 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 | (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 | NEMA L6-30P |
| Cord Length | 3.05 meters |
| Input voltage range for main operations | 160 - 280V |
| Input voltage adjustable range for mains operation | 100 - 280V |

## Batteries & Runtime

| | |
|---|---|
| Battery Type | Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof |
| Included Battery Modules | 2 |
| Typical recharge time | 2.50 hour(s) |
| Replacement Battery | RBC44 |
| RBC™ Quantity | 1 |
| Typical Backup Time at Half Load | 15.8 minutes (2100 Watts) |
| Typical Backup Time at Full Load | 5.3 minutes (4200 Watts) |
| Runtime Chart | Smart-UPS RT |

## Communications & Management

| | |
|---|---|
| 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

| | |
|---|---|
| Surge energy rating | 480 Joules |
| Filtering | Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : meets UL 1449 |

## Physical

| | |
|---|---|
| Maximum Height | 218.00 mm |
| Maximum Width | 432.00 mm |
| Maximum depth | 660.00 mm |
| Rack Height | 5U |
| Net Weight | 100.45 KG |
| Shipping Weight | 117.27 KG |
| Shipping Height | 601.00 mm |
| Shipping Width | 603.00 mm |
| Shipping Depth | 980.00 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 | 1040.00 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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