




APC Smart-UPS RT 2200VA RM 120V

Part Number: SURTA2200RML2U




[Technical Specifications](#) [Product Overview](#) [Documentation](#) [Software & Firmware](#) [Options](#) [Ratings and Reviews](#)

Output

| | |
|----------------------------------|--|
| Output Power Capacity | 1600 Watts / 2200 VA |
| Max Configurable Power | 1600 Watts / 2200 VA |
| Nominal Output Voltage | 120V |
| Output Voltage Distortion | Less than 3% |
| Output Frequency (sync to mains) | 50/60 Hz +/- 3 Hz user adjustable +/- 0.1 |
| Crest Factor | 3 : 1 |
| Topology | Double Conversion Online |
| Waveform Type | Sine wave |
| Output Connections | (6) NEMA 5-15R  |
| Bypass | Built-in Bypass |

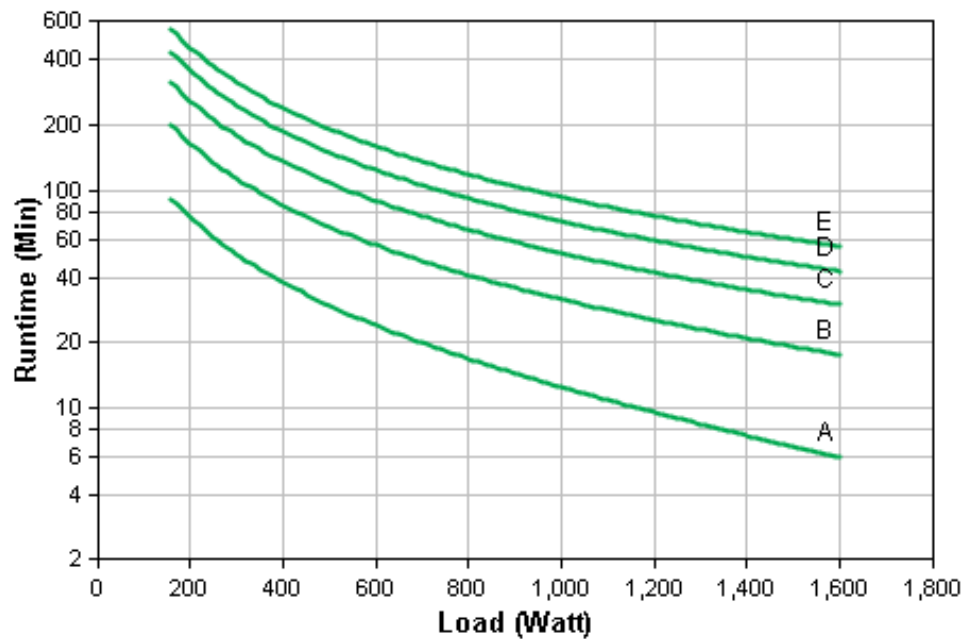
Input

| | |
|---|--|
| Nominal Input Voltage | 120V |
| Input Frequency | 50/60 Hz +/- 5 Hz (auto sensing) |
| Input Connections | NEMA 5-20P  |
| Cord Length | 6 feet (1.83 meters) |
| Input voltage range for main operations | 90 - 150V |

Batteries & Runtime

| | |
|---|--|
| Battery Type | Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof |
| Included Battery Modules | 1 |
| Typical recharge time | 3 hour(s) |
| Replacement Battery (Service center technician only) | CURK57-01-04 , RBC57 |
| RBC Quantity | 1 |
| Extended Run Options | APC Smart-UPS RT 2200VA RM 120V |
| Runtime Graph | |

| Curve | Part Number(s) |
|-------|--|
| A | SURTA2200RML2U |
| B | SURTA2200RML2U + (1)SURTA48RMLBP2U |
| C | SURTA2200RML2U + (2)SURTA48RMLBP2U |
| D | SURTA2200RML2U + (3)SURTA48RMLBP2U |
| E | SURTA2200RML2U + (4)SURTA48RMLBP2U |



Hover over the line on the graph above to view the runtime at any desired load

Curve fit to measured runtime data. All measurements taken with new, fully charged batteries, at typical environmental conditions, with no electrical input and balanced resistive load (PF = 1.0) output.

[View Enlarged Graph](#)

[View Runtime Chart](#)

| | |
|---|---|
| Interface Port(s) | DB-9 RS-232, Smart-Slot, USB |
| Available SmartSlot™ Interface Quantity | 1 |
| 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 | 540 Joules |
| Filtering | Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : meets UL 1449 |

Physical

| | |
|------------------|-----------------------|
| Maximum Height | 3.35 inches (85 mm) |
| Maximum Width | 17.00 inches (432 mm) |
| Maximum Depth | 22.00 inches (559 mm) |
| Rack Height | 2U |
| Net Weight | 60.50 lbs. (27.50 kg) |
| Shipping Weight | 69.00 lbs. (31.36 kg) |
| Shipping Height | 10.25 inches (260 mm) |
| Shipping Width | 24.00 inches (610 mm) |
| Shipping Depth | 29.00 inches (737 mm) |
| Color | Black |
| Units per Pallet | 8.00 |

Environmental

| | |
|---|-------------------------------|
| Operating Environment | 32 - 104 °F (0 - 40 °C) |
| Operating Relative Humidity | 0 - 95% no% |
| Operating Elevation | 0-10000 feet (0-3000 meters) |
| Storage Temperature | -4 - 122 °F (-20 - 50 °C) |
| Storage Relative Humidity | 0 - 95% no% |
| Storage Elevation | 0-50000 feet (0-15000 meters) |
| Audible noise at 1 meter from surface of unit | 45.00 dBA |
| Online Thermal Dissipation | 587.00 BTU/hr |
| Protection Class | IP 20 |

Conformance

| | |
|-------------------|--|
| Approvals | BSMI, CSA, FCC Part 15 Class B, OSHPD, UL 1778 |
| Standard warranty | 2 years repair or replace |

Sustainable Offer Status

| | |
|------|-----------|
| RoHS | Compliant |
|------|-----------|

| | |
|-------|--------------------------------|
| REACH | REACH: Contains No SVHCs |
| PEP | Available in Documentation tab |
| EOLI | Available in Documentation tab |

*Except where noted, all prices are Estimated Resale Price (ERP) - Without Tax/VAT. Pricing in other locations and sites may vary.

**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.