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Return to Uninterruptible Power Supply (UPS)

# Smart-UPS

## APC Smart-UPS 3000VA USB & Serial RM 2U 120V

SUA3000RM2U

More Images

APC Smart-UPS, 2700 Watts / 3000 VA, Input 120V / Output 120V , Interface Port DB-9 RS-232, SmartSlot, USB , Rack Height 2 U

**Includes**: CD with software, Rack Mounting support rails, Smart UPS signalling RS-232 cable, USB cable, User Manual

**Standard Lead Time**: Usually in Stock

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RoHS

Technical Specifications | Product Overview | Documentation | Software & Firmware | Options | Ratings and Reviews

### Output

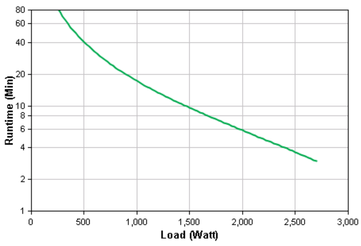
| | |
|---|---|
| Output Power Capacity | 2700 Watts / 3000 VA |
| Max Configurable Power | 2700 Watts / 3000 VA |
| Nominal Output Voltage | 120V |
| Output Voltage Distortion | Less than 5% at full load |
| Output Frequency (sync to mains) | 47 - 53 Hz for 50 Hz nominal,57 - 63 Hz for 60 Hz nominal |
| Waveform Type | Sine wave |
| Output Connections | (6) NEMA 5-15R<br>(2) NEMA 5-20R |

### Input

| | |
|---|---|
| Nominal Input Voltage | 120V |
| Input Frequency | 50/60 Hz +/- 3 Hz (auto sensing) |
| Input Connections | NEMA L5-30P |
| Cord Length | 2.44 meters |
| Input voltage range for main operations | 82 - 144V |
| Input voltage adjustable range for mains operation | 75 - 154V |

### Batteries & Runtime

| | |
|---|---|
| Battery Type | Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof |
| Typical recharge time | 3 hour(s) |
| Replacement Battery | RBC43 |
| RBC™ Quantity | 1 |
| Runtime Graph | |



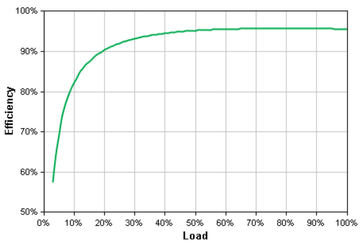

*Hover over the line on the graph above to view the runtime at any desired load*

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

### Energy Use/Efficiency

| Load | Efficiency |
|---|---|
| 25% | 92.1% |
| 50% | 95.2% |
| 75% | 95.8% |
| 100% | 95.6% |




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

Curve fit to measured efficiency data. All measurements taken in normal operating mode, at typical environmental conditions, with nominal electrical input and balanced resistive load (PF = 1.0) output.

View Enlarged Graph

### Communications & Management

| | |
|---|---|
| Interface Port(s) | DB-9 RS-232,SmartSlot,USB |
| Available SmartSlot™ Interface Quantity | 1 |
| Control panel | LED status display with load and battery bar-graphs and On Line : On Battery : Replace Battery : and Overload Indicators |
| Audible Alarm | Alarm when on battery : distinctive low battery alarm : configurable delays |
| 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 | 89.00 mm |
| Maximum Width | 483.00 mm |
| Maximum Depth | 660.00 mm |
| Rack Height | 2U |
| Net Weight | 43.64 KG |
| Shipping Weight | 56.82 KG |
| Shipping Height | 254.00 mm |
| Shipping Width | 622.00 mm |
| Shipping Depth | 980.00 mm |
| Color | Black |
| Units per Pallet | 8.00 |

### 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 | 47.00 dBA |
| Online Thermal Dissipation | 400.00 BTU/hr |
| Protection Class | -- |

### Conformance

| | |
|---|---|
| Regulatory Approvals | BSMI,CSA,UL 1449,UL 1778,FCC Part 15 Class A |
| Standard Warranty | 2 years repair or replace,optional on-site warranties available,optional extended warranties available |
| Environmental Compliance | China RoHS,REACH: Contains No SVHCs |

**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.