### Smart-UPS On-Line
**APC Smart-UPS RT 5000VA 208V w/ 208V to 120V Step-Down Transformer**

APC Smart-UPS On-Line,3500 Watts /5000 VA,Input 208V /Output 120V, 208V, Interface Port RJ-45 10/100 Base-T, RJ-45 Serial, SmartSlot, Extended runtime model, Rack Height 6 U

**Includes**: CD with software, Smart UPS signalling RS-232 cable, User Manual, Web/SNMP Management Card

**Standard Lead Time**: Usually in Stock

SURTD5000XLT-1TF3

Email Technical Specifications

Printer Friendly

More Images

**Product Category**

Computer and Peripheral (6)

Home UPS (1)

Network and Server

> Smart-UPS

> Smart-UPS BR

**> Smart-UPS On-Line**

> Symmetra

Data Center and Facility 3 Phase (15)

Special Applications (5)

UPS Management (7)

**Return to Uninterruptible Power Supply (UPS)**

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

## Output

| | |
|---|---|
| Output Power Capacity | 3500 Watts / 5000 VA |
| Max Configurable Power | 3500 Watts / 5000 VA |
| Nominal Output Voltage | 120V, 208V |
| Output Voltage Note | Configurable for 208 or 240 nominal output voltage |
| Efficiency at Full Load | 91.0% |
| Output Voltage Distortion | Less than 3% |
| Output Frequency (sync to mains) | 50/60 Hz +/- 3 Hz user adjustable +/- 0.1 |
| Other Output Voltages | 240 |
| Crest Factor | 3 : 1 |
| Topology | Double Conversion Online |
| Waveform Type | Sine wave |
| Output Connections | (8) NEMA 5-20R |
| | (1) NEMA L14-30R |
| | (4) NEMA L6-20R |
| | (2) NEMA L6-30R |
| Bypass | Internal Bypass (Automatic and Manual) |

## Input

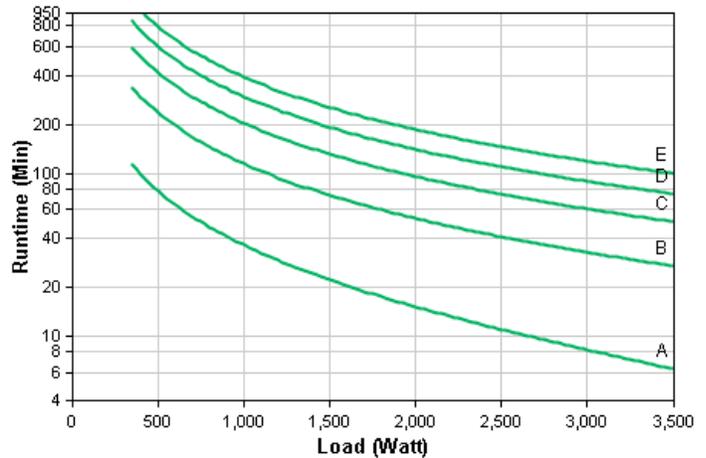| | |
|---|---|
| Nominal Input Voltage | 208V |
| Input Frequency | 50/60 Hz +/- 5 Hz (auto sensing) |
| Input Connections | NEMA L6-30P |
| Cord Length | 3.05 meters |
| Input voltage range for main operations | 160 - 280V |
| Input voltage adjustable range for mains operation | 100 - 280V |

## 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 |
| Extended Run Options | APC Smart-UPS RT 5000VA 208V w/ 208V to 120V Step-Down Transformer |
| Runtime Graph | |

| Curve | Part Number(s) |
|---|---|
| A | SURTD5000XLT-1TF3 |
| B | SURTD5000XLT-1TF3 + (1)SURT192XLBP |
| C | SURTD5000XLT-1TF3 + (2)SURT192XLBP |
| D | SURTD5000XLT-1TF3 + (3)SURT192XLBP |
| E | SURTD5000XLT-1TF3 + (4)SURT192XLBP |



*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

## Communications & Management

| | |
|---|---|
| Interface Port(s) | RJ-45 10/100 Base-T, RJ-45 Serial, SmartSlot |
| Pre-Installed SmartSlot™ Cards | AP9631 |
| 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 | 432.00 mm |
| Maximum Width | 259.00 mm |
| Maximum Depth | 660.00 mm |
| Rack Height | 6U |
| Net Weight | 111.36 KG |
| Shipping Weight | 127.28 KG |
| Shipping Height | 658.00 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 55.00 dBA unit | |
| Online Thermal Dissipation | 1150.00 BTU/hr |

### Conformance

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

### Sustainable Offer Status

**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.