

Technical Specifications



APC Smart-UPS RT 5000VA 230V

SURT5000XLI

Call for More Information

- High density, double-conversion on-line power protection with scalable runtime
- Includes: CD with software, Smart UPS signalling RS-232 cable, User Manual, Web/SNMP Management Card

Output

| | |
|----------------------------------|--|
| Output power capacity | 3.5kWatts / 5.0kVA |
| Max Configurable Power (Watts) | 3.5kWatts / 5.0kVA |
| Nominal Output Voltage | 230V |
| Output Voltage Note | Configurable for 220 : 230 or 240 nominal output voltage |
| Efficiency at Full Load | 92.0 % |
| Output Voltage Distortion | Less than 3% |
| Output Frequency (sync to mains) | 50/60 Hz +/- 3 Hz user adjustable +/- 0.1 |
| Other Output Voltages | 220, 240 |
| Load Crest Factor | 3 : 1 |
| Topology | Double Conversion Online |
| Waveform type | Sine wave |
| Output Connections | (6) IEC Jumpers (Battery Backup) (8) IEC 320 C13 (Battery Backup) (2) IEC 320 C19 (Battery Backup) |
| Bypass | Internal Bypass (Automatic and Manual) |

Input

| | |
|--|----------------------------------|
| Nominal Input Voltage | 230V |
| Input frequency | 50/60 Hz +/- 5 Hz (auto sensing) |
| Input Connections | Hard Wire 3-wire |
| Input voltage range for main operations | 160 - 280V |
| Input voltage adjustable range for mains operation | 100 - 280V |

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| Input | |
|-------------------------|----------|
| Efficiency at Full Load | 92.0 % |
| Other Input Voltages | 220, 240 |

| Batteries & Runtime | |
|-------------------------------|--|
| Battery type | Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof |
| Included Battery Modules | 2 |
| Typical recharge time | 2.5hour(s) |
| Expected Battery Life (years) | 3 - 5 |
| RBC Quantity | 1 |
| Extendable Run Time | 1 |
| Runtime | View Runtime Graph (Available in Technical Tab on site) View Runtime Chart (Available in Technical Tab on site) |

| Communications & Management | |
|-----------------------------|---|
| Interface Port(s) | DB-9 RS-232, RJ-45 10/100 Base-T, Smart-Slot |
| 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 | 480Joules |
| Filtering | Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : meets UL 1449 |

| Physical | |
|-----------------|---------------|
| Maximum Height | 432MM, 43.2CM |
| Maximum Width | 130MM, 13.0CM |
| Maximum Depth | 660MM, 66.0CM |
| Rack Height | 3U |
| Net Weight | 54.56KG |
| Shipping weight | 63.64KG |
| Shipping Height | 347MM, 34.7CM |