**ComX Computers**
Product Specification Sheet

# UP-AS3000

APC line interactive Smart-UPS SUA3000i

## Product Overview

APC line interactive Smart-UPS SUA3000i, with AVR+power conditioning, 3000VA; with monitoring software, USB+serial interface, with smart slot, with cooling fan







## Specifications

**Features:**

**Availability**

- Boost and Trim Automatic Voltage Regulation (AVR): Gives higher application availability by correcting low and high voltage conditions without using the battery (not available on all models).
- Intelligent battery management: Maximizes battery performance, life, and reliability through intelligent, precision charging.
- Power conditioning: Protects connected loads from surges, spikes, lightning, and other power disturbances.
- Temperature-compensated battery charging: Prolongs battery life by regulating the charge voltage according to battery temperature.
- Automatic restart of loads after UPS shutdown: Automatically starts up the connected equipment upon the return of utility power.
- Automatic self-test: Periodic battery self-test ensures early detection of a battery that needs to be replaced.
- Disconnected battery notification: Warns when a battery is not available to provide backup power.

**Manageability**

- Network manageable: Provides remote management of the UPS over the network.
- Audible alarms: Actively let you know if the unit is on battery, if the battery is low or if there is an overload condition.
- LED status indicators: Quickly understand unit and power status with visual indicators.
- Serial Connectivity: Provides management of the UPS via a serial port.
- USB connectivity: Provides management of the UPS via a USB port (not available on all models).
- Disconnected battery notification: Warns when a battery is not available to provide backup power.

**Serviceability**

- User-replaceable batteries: Increases availability by allowing a trained user to perform upgrades and replacements of the batteries reducing Mean Time to Repair (MTTR)
- Hot-swappable batteries: Ensures clean, uninterrupted power to protected equipment while batteries are being replaced

- Predictive failure notification: Provides early-warning fault analysis ensuring proactive component replacement.
- Resettable circuit breakers: Enables a quick recovery from overload events.
- Battery failure notification: Provides early-warning fault analysis on batteries enabling timely preventive maintenance

**Adaptability**

- Adjustable voltage-transfer points: Maximizes useful battery life by widening the input voltage window or tightening the output voltage regulation.
- Adjustable voltage sensitivity:Provides the ability to adapt the UPS for optimal performance in specific power environments or generator applications.

**Safety**

- Safety-agency approved: Ensures the product has been tested and approved to work safely with the connected service provider equipment and within the specified environment.

**Specifications:**

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|---|---|
| **Product Code** | UP-AS3000 |
| **Specifications** | |
| **Output** | |
| **Output Power Capacity** | 2700 Watts / 3000 VA |
| **Max Configurable Power** | 2700 Watts / 3000 VA |
| **Nominal Output Voltage** | 230V |
| **Output Voltage Note** | Configurable for 220 : 230 or 240 nominal output voltage |
| **Efficiency at Full Load** | 0.95 |
| **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 |
| **Topology** | Line Interactive |
| **Waveform Type** | Sine wave |
| **Output Connections** | (8) IEC 320 C13 |
| | (1) IEC 320 C19 |
| | (2) IEC Jumpers |
| **Input** | |
| **Nominal Input Voltage** | 230V |
| **Input Frequency** | 50/60 Hz +/- 3 Hz (auto sensing) |
| **Input Connections** | IEC-320 C20 |
| | Schuko CEE 7 / EU1-16P |
| | British BS1363A |
| **Input voltage range for main operations** | 160 - 286V |

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| **Input voltage adjustable range for mains operation** | 151 - 302V |
| **Batteries & Runtime** | |
| **Battery Type** | Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof |
| **Typical recharge time** | 3 hour(s) |
| **RBC Quantity** | 1 |
| **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** | 365 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** | 196.00 mm |
| **Maximum Depth** | 544.00 mm |
| **Net Weight** | 55.92 KG |
| **Shipping Weight** | 65.00 KG |
| **Shipping Height** | 680.00 mm |
| **Shipping Width** | 380.00 mm |
| **Shipping Depth** | 760.00 mm |
| **Color** | Black |
| **Environmental** | |
| **Operating Environment** | 0 - 40 degreesC |
| **Operating Relative Humidity** | 0 - 95% |
| **Operating Elevation** | 0-3000 meters |
| **Storage Temperature** | -15 - 45 degreesC |
| **Storage Relative Humidity** | 0 - 95% |
| **Storage Elevation** | 0-15000 meters |
| **Audible noise at 1 meter from surface of unit** | 53.00 dBA |
| **Online Thermal Dissipation** | 375.00 BTU/hr |

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|---|---|
| **Conformance** | |
| **Regulatory Approvals** | C-tick, CE, EN 50091-1, EN 50091-2, GOST, VDE |
| **Sustainable Offer Status** | |
| **RoHS** | Compliant |
| | REACH |
| | REACH: Contains No SVHCs |

## Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

**Product page: https://www.comx-computers.co.za/UP-AS3000-APC-line-interactive-Smart-UPS-SUA3000i-p-74575.php**

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