**ComX Computers**
Product Specification Sheet

# SUVTP10KF3B4S

APC Smart-UPS VT 10kVA 208V UPS with 3 Batt Mod Exp to 4

## Product Overview

APC Smart-UPS VT 10kVA 208V w/3 Batt Mod Exp to 4, Start-Up 5X8, Int Maint Bypass, Parallel Capable, 1183.00(lbs) 537.73(kilos), 64.70x 25.60x 41.80(in) 164.30x 65.00x 106.20(cent)




## Specifications

**Features:**

**Parallel-capacity capable**
Increases total power capacity by using multiple uninterruptible power supplies simultaneously.

**Parallel-redundant capable**
Power the connected equipment with multiple uninterruptible power supplies to increase system redundancy

**Availability**

**Dual mains input**
Increases availability by allowing the UPS to be connected to two separate power sources.

**Scalable runtime**
Allows additional run time to be quickly added as needed.

**Hot-swappable batteries**
Ensures clean, uninterrupted power to protected equipment while batteries are being replaced

**Generator compatible**
Ensures clean, uninterrupted power to protected equipment when generator power is used.

**Automatic internal bypass**
Supplies utility power to the connected loads in the event of a UPS power overload or fault.

**Battery modules connected in parallel**
Delivers higher availability through redundant batteries.

**Serviceability**

**Battery replacement without tools**
Enables fast battery replacement, lowering Mean Time to Repair (MTTR).

**Automatic self-test**
Periodic battery self-test ensures early detection of a battery that needs to be replaced.

**Shippable with modules installed**
Enables pre-installation UPS staging and testing and faster installation.

**Modular design**
Provides fast serviceability and reduced maintenance requirements via self-diagnosing, field-replaceable modules.

**Manageability**

**Network manageable**
Provides remote power management of the UPS over the network.

**InfraStruXure Manager Compatible**
Enables centralized management via the APC InfraStruXure Manager.

**LCD display**
Alpha-Numeric Display which displays system parameters and alarms.

**Audible alarms**
Provides notification of changing utility power and UPS power conditions

**Programmable frequency**
Ensures compatibility with different input frequencies.

**LED status indicators**
Quickly understand unit and power status with visual indicators.

**SmartSlot**
Customize UPS capabilities with management cards.

**Total Cost of Ownership**

**Input power factor correction**
Minimizes installation costs by enabling the use of smaller generators and cabling.

**Temperature-compensated battery charging**
Prolongs battery life by regulating the charge voltage according to battery temperature.

**Manual maintenance bypass**
Reduces installation costs by eliminating the need for an external mechanical bypass.

**Intelligent battery management**
Maximizes battery performance, life, and reliability through intelligent, precision charging.

**Protection**

### Frequency and voltage regulation
Gives higher application availability by correcting poor frequency and voltage conditions without using the battery.

### 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.

### Cold-start capable
Provides temporary battery power when the utility power is out.

### Specifications:

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| Specifications | |
|---|---|
| **Product Code** | SUVTP10KF3B4S |
| **Output** | |
| **Output Power Capacity** | 8000 Watts / 10 kVA |
| **Max Configurable Power** | 8000 Watts / 10 kVA |
| **Nominal Output Voltage** | 120V, 208V, 208V 3PH |
| **Output Voltage Note** | Configurable for 208 and 220V - 3 Phase |
| **Efficiency at Full Load** | 93% |
| **Output Voltage Distortion** | Less than 5% at full load |
| **Output Frequency (sync to mains)** | 57 - 63 Hz for 60 Hz nominal |
| **Other Output Voltages** | 220 |
| **Crest Factor** | Unlimited |
| **Topology** | Double Conversion Online |
| **Waveform Type** | Sine wave |
| **Output Connections** | (1) Hard Wire 5-wire (3PH + N + G) |
| | (1) Screw Terminals |
| **Bypass** | Built-in Maintenance Bypass, Built-in Static Bypass |
| **Input** | |
| **Nominal Input Voltage** | 208V 3PH |
| **Input Frequency** | 40 - 70 Hz |
| **Input Connections** | Hard Wire 5-wire (3PH + N + G) |
| **Input voltage range for main operations** | 165 - 240V |
| **Other Input Voltages** | 220 |
| **Maximum Input Current** | 27A |
| **Input Breaker Capacity** | 35 A |

| | |
|---|---|
| **Batteries & Runtime** | |
| **Battery Type** | VRLA |
| **Included Battery Modules** | 3 |
| **Available Battery Module Slots** | 1 |
| **Typical recharge time** | 5 hour(s) |
| **RBC Quantity** | 3 |
| **Nominal Battery Voltage** | +/-192 V (split battery referenced to neutral) |
| **End of Discharge Battery Voltage** | +/-154 V |
| **Extended Run Options** | APC Smart-UPS VT 10kVA 208V w/3 Batt Mod Exp to 4, Start-Up 5X8, Int Maint Bypass, Parallel Capable |
| **Communications & Management** | |
| **Interface Port(s)** | DB-9 RS-232, Smart-Slot |
| **Pre-Installed SmartSlot Cards** | AP9631 |
| **Control panel** | Multi-function LCD status and control console |
| **Audible Alarm** | Audible and visible alarms : configurable delays |
| **Emergency Power Off (EPO)** | Yes |
| **Physical** | |
| **Maximum Height** | 1499.00 mm |
| **Maximum Width** | 523.00 mm |
| **Maximum Depth** | 813.00 mm |
| **Net Weight** | 506.82 KG |
| **Shipping Weight** | 537.73 KG |
| **Shipping Height** | 1643.00 mm |
| **Shipping Width** | 650.00 mm |
| **Shipping Depth** | 1062.00 mm |
| **Color** | Black |
| **Environmental** | |
| **Operating Environment** | 0 - 40 degreesC |
| **Operating Relative Humidity** | 0 - 95% |
| **Operating Elevation** | 0-999.9 meters |
| **Storage Temperature** | -50 - 40 degreesC |
| **Storage Relative Humidity** | 0 - 95% |
| **Storage Elevation** | 0-15000 meters |
| **Audible noise at 1 meter from surface of unit** | 54.00 dBA |
| **Online Thermal Dissipation** | 2047.00 BTU/hr |
| **Protection Class** | NEMA 1 |

| Conformance | |
|---|---|
| **Regulatory Approvals** | cUL Listed, ISO 14001, ISO 9001, UL 1778 |

## 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/SUVTP10KF3B4S-APC-Smart-UPS-VT-10kVA-208V-UPS-with-3-Batt-Mod-Exp-to-4-p-142208.php**

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