ComX Computers
Product Specification Sheet

SUVTP10KH1B2S

APC Smart-UPS VT 10KVA 400V w/1 Batt Mod Exp to 2

Product Overview

APC Smart-UPS VT 10KVA 400V w/1 Batt Mod Exp to 2, Int Maint Bypass, Parallel Capable, Input Voltage : 400 3PH, Output Voltage : 230, 400 3PH, Shipping Weight : 739.00(lbs) 335.91(kilos), Shipping Dimensions : 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 UPSs simultaneously.

Parallel-redundant capable
Power the connected equipment with multiple UPSs to increase system redundancy

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 overload condition or fault.

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

User-replaceable batteries

Increases availability by allowing a trained user to perform upgrades and replacements of the batteries reducing Mean Time to Repair (MTTR)

Battery replacement withouttools
Allows quick, easy battery replacement.

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.

Network manageable
Provides remote 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 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.

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.

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:

Output	
Output Power Capacity	8000 Watts / 10 kVA
Max Configurable Power	8000 Watts / 10 kVA
Nominal Output Voltage	230V, 400V 3PH
Output Voltage Note	Configurable for 380 : 400 or 415 V 3 Phase nominal output voltage
Efficiency at Full Load	0.957
Output Voltage Distortion	Less than 5% at full load
Output Frequency (sync to mains)	47 - 53 Hz for 50 Hz nominal
Other Output Voltages	380415
Crest Factor	3:1
Waveform Type	Sine wave
Output Connections	(1) Hard Wire 4-wire (3PH + G)
(1) Hard Wire 5-wire (3PH + N + G)	(1) Screw Terminals
Output Voltage Tolerance	+/-1% static and +/- 5% at 100% load step
Output Voltage THD	< 2% for 0 to 100% linear load and < 5% for full n
Overload Operation	60 seconds@ 125% and 30 seconds at 150%
Efficiency at Half Load	0.94
Required Output Current Protection	20A
Bypass	Built-in Maintenance Bypass, Built-in Static Bypass
Input	
Nominal Input Voltage	400V 3PH
Input Frequency	40 - 70 Hz (auto sensing)
Input Connections	Hard Wire 5-wire (3PH + N + G)
Input voltage range for main operations	304 - 477V
Other Input Voltages	380415
Maximum Input Current	14A
Input Breaker Capacity	20.0 A
Input Total Harmonic Distortion	Less than 5% for full load
Batteries & Runtime	
Battery Type	VRLA
Included Battery Modules	1

Available Battery Slots	1
Typical recharge time	5 hour(s)
RBC Quantity	1
Nominal Battery Voltage	+/-192 V (split battery referenced to neutral)
End of Discharge Battery Voltage	+/-154 V
Communications & Management	
Interface Port(s)	DB-9 RS-232
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	1490.00 mm
Maximum Width	353.00 mm
Maximum Depth	813.00 mm
Net Weight	305.00 KG
Shipping Weight	335.91 KG
Shipping Height	1643.00 mm
Shipping Width	650.00 mm
Shipping Depth	1062.00 mm
Conformance	
Regulatory Approvals	EN 50091-2, EN/IEC 62040-2, EN/IEC 62040-3, EN/IEC 62040-1-1, ISO 14001, ISO 9001

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/SUVTP10KH1B2S-APC-Smart-UPS-VT-10KVA-400V-w-1-Batt-Mod-Exp-to-2-p-55557.php

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