

Product data sheet

Specifications



APC Smart-UPS VT 10kVA 400V w/2 Batt Mod., Start-Up 5X8, Int Maint Bypass, Parallel Capable

SUVTP10KH2B2S

! Discontinued - Service only

! Discontinued on: Jul 5, 2021

! To be end-of-service on: Dec 31, 2030

Overview

Lead Time Usually Ships within 2 Weeks

Main

Main Input Voltage	400 V 3 phases
Other Input Voltage	380 V 415 V
Main Output Voltage	400 V 3 phases
Other Output Voltage	380 V 415 V
Rated Power In W	8000 W
Rated Power In Va	10000 VA
Output Connector Type	Hard wire 4-wire (3P + E) 1 Hard wire 5-wire (3P + N + E) 1
Connections - Terminals	1 screw terminals
Battery Type	VRLA
Provided Equipment	Battery modules ship installed CD with software Network management card Smart UPS signalling RS-232 cable User manual Bolt down brackets Installation guide Start up included

Batteries & Runtime

Run Time	View Runtime Graph
Efficiency	View Efficiency Graph
Number Of Battery Filled Slots	2
Number Of Battery Free Slots	0
Battery Recharge Time	5 h
Number Of Battery Replacement Quantity	2
Additional Information	Configurable for 380 : 400 or 415 V 3 Phase nominal output voltage
Battery Voltage	+/- 192 V (split battery referenced to neutral)
Discharge Battery Voltage	+/- 154 V

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Battery Charger Power	995 W rated
Battery Power In Vah	4983 VAh runtime
Battery Life	3...5 year(s)
Battery Option	SUVTXR2B6S 1 9899 VAh SUVTXR6B6S 1 19687 VAh SUVTXR6B6S 2 34762 VAh SUVTXR6B6S 3 49936 VAh SUVTXR6B6S 4 65348 VAh
Battery Graph Comments	Estimated runtimes based on battery vendor data, at typical environmental conditions, with no electrical input and balanced PF = 0.8 output.
Extended Runtime	1

General

Number Of Power Module Free Slots	0
Number Of Power Module Filled Slots	0
Redundant	No

Physical

Colour	Black
Height	149 cm
Width	35.2 cm
Depth	84.2 cm
Net Weight	396.82 kg
Mounting Location	Front
Mounting Preference	No preference
Mounting Mode	Not rack-mountable
Two Post Mountable	0
Usb Compatible	No

Input

Network Frequency	40...70 Hz auto-sensing
Number Of Input Connectors	1 hard wire 5-wire (3P + N + E)
Input Voltage Limits	304...477 V
Maximum Input Current	14 A
Switching Current Capacity	20 A
Input Power Factor At Full Load	0.98

Output

Maximum Configurable Power In W	8000 W
Harmonic Distortion	Less than 5 % at full load
Output Frequency	47...53 Hz for 50 Hz nominal sync to mains 50 Hz +/- 0.1 % for 50 Hz nominal unsynchronised
Crest Factor	3 : 1
Ups Type	Double conversion online

Wave Type	Sine wave
Bypass Type	Built-in maintenance bypass Built-in static bypass
Maximum Output Current	16 A
Maximum Configurable Power In Va	10000 VA

Conformance

Product Certifications	C-Tick CE RCM
Standards	EN 50091-2 EN/IEC 62040-3 IEC 61000-3-2 IEC 61000-3-3 ISO 14001 ISO 9001 VFI-SS-111

Environmental

Ambient Air Temperature For Operation	0...40 °C
Relative Humidity	0...95 %
Operating Altitude	0...3333 ft
Ambient Air Temperature For Storage	-50...40 °C
Storage Relative Humidity	0...95 %
Storage Altitude	0.00...15240.00 m
Acoustic Level	64 dBA
Heat Dissipation	1774 Btu/h
Ip Degree Of Protection	IP20

Communications & Management

Free Slots	0
Preinstalled Device	Network management card 2 with environmental monitoring
Control Panel	Multifunction LCD status and control console
Alarm	Audible and visible alarms prioritized by severity
Emergency Power Off	Yes

Packing Units

Package 1 Height	164.3 cm
Package 1 Width	65 cm
Package 1 Length	106.2 cm
Package 1 Weight	427.73 kg
Number Of Units In Package 3	1

Contractual warranty

Warranty	1 year repair or replace, Start-Up Service
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Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. **Green Premium** promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low- products. **Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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Transparency

Well-being performance

 Mercury Free

Eu Rohs Directive

Not compliant

Environmental Disclosure

[Product Environmental Profile](#)

Circularity Profile

[End of Life Information](#)