

Product data sheet

Specifications



APC Smart-UPS VT 10kVA 400V w/ 1 Batt Mod Exp to 2, Start-Up 5X8, Int Maint Bypass, Parallel Capable

SUVTP10KH1B2S

⚠ Discontinued on: Jul 5, 2021

⚠ End-of-service on: Oct 18, 2023

⚠ Discontinued

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
Provided Equipment	Battery modules ship installed CD with software Network management card Power modules ship installed Start-up service User manual Installation guide

Batteries & Runtime

Run Time	View Runtime Graph
Efficiency	View Efficiency Graph
Battery Type	VRLA
Number Of Battery Filled Slots	1
Number Of Battery Free Slots	1
Battery Recharge Time	5 h
Number Of Battery Replacement Quantity	1
Battery Voltage	+/- 192 V (split battery referenced to neutral)
Discharge Battery Voltage	+/- 154 V
Battery Charger Power	502 W rated
Battery Life	3...5 year(s)

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 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	0

General

Ups Type	Double conversion online
Number Of Power Module Free Slots	0
Number Of Power Module Filled Slots	0
Redundant	No

Physical

Height	149 cm
Width	35.2 cm
Depth	84.2 cm
Net Weight	305 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 Harmonic Distortion	Less than 5 % for full load
Load Power Factor	0.5 leading to 0.5 lagging
Input Power Factor At Full Load	0.98

Output

Maximum Configurable Power In Va	10000 VA
Maximum Configurable Power In W	8000 W
Output Frequency	47...53 Hz for 50 Hz nominal sync to mains 50 Hz +/- 0.1 % for 50 Hz nominal unsynchronised
Wave Type	Sine wave
Output Voltage Tolerance	+/- 1% static and +/- 5% at 100% load step
Output Overload Operation	60 seconds at 125% and 30 seconds at 150%
Output Harmonic Distortion	< 2% for 0 to 100% linear load and < 5% for full non-linear load
Required Output Current Protection	20 A
Harmonic Distortion	Less than 5 % at full load

Maximum Output Current	16 A
Crest Factor	3 : 1
Bypass Type	Built-in maintenance bypass Built-in static bypass
Additional Information	Configurable for 380 : 400 or 415 V 3 Phase nominal output voltage

Communications & Management

Preinstalled Device	Network management card 2 with environmental monitoring
Emergency Power Off	Yes

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	164.3 cm
Package 1 Width	65 cm
Package 1 Length	106.2 cm
Package 1 Weight	335.206 kg

Contractual warranty

Warranty	1 year repair or replace
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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-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)





Take-back Transparency RoHS/REACH

Resource performance

 Take-Back Program Available

Well-being performance

 Mercury Free

 Rohs Exemption Information [Yes](#)

Certifications & Standards

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive Compliant with Exemptions

Environmental Disclosure [Product Environmental Profile](#)

Circularity Profile [End of Life Information](#)