

Product data sheet

Specifications



APC Smart-UPS VT 10kVA 208V w/ 2 Batt. Mod., Start-Up 5X8, Internal Maint Bypass, Parallel Capability

SUVTP10KF2B2S

! Discontinued

! Discontinued on: Jul 5, 2021

! End-of-service on: Oct 18, 2023

Overview

Lead Time Usually Ships within 2 Weeks

Main

Main Input Voltage	208 V 3 phases
Other Input Voltage	220 V
Main Output Voltage	120 V 208 V 208 V 3 phases
Other Output Voltage	220 V
Rated Power In W	8000 W
Rated Power In Va	10000 VA
Output Connector Type	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 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
Battery Type	VRLA
Number Of Battery Filled Slots	2
Number Of Battery Free Slots	0
Battery Recharge Time	5 h
Number Of Battery Replacement Quantity	2
Battery Charger Power	983 W rated
Battery Life	3...5 year(s)
Battery Graph Comments	Estimated runtimes based on battery vendor data, at typical environmental conditions, with no electrical input and balanced PF = 0.8 output.

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

Extended Runtime	1
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General

Ups Type	Double conversion online
Number Of Power Module Free Slots	0
Number Of Power Module Filled Slots	0
Redundant	Yes

Physical

Colour	Black
Height	149.9 cm
Width	35.6 cm
Depth	81.3 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
Number Of Input Connectors	1 hard wire 5-wire (3P + N + E)
Input Voltage Limits	165...240 V
Maximum Input Current	27 A
Switching Current Capacity	35 A
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	57...63 Hz for 60 Hz nominal sync to mains 60 Hz +/- 0.1 % for 60 Hz nominal unsynchronised
Wave Type	Sine wave
Harmonic Distortion	Less than 5 % at full load
Maximum Output Current	31 A
Crest Factor	Unlimited
Bypass Type	Built-in maintenance bypass Built-in static bypass
Additional Information	Configurable for 208 and 220V - 3 Phase

Conformance

Product Certifications	cUL listed UL 1778
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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	54 dBA
Heat Dissipation	2047 Btu/h
Nema Degree Of Protection	NEMA 1

Communications & Management

Free Slots	0
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	106.2 cm
Package 1 Length	65 cm
Package 1 Weight	427.73 kg

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-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	Pro-active compliance (Product out of EU RoHS legal scope)
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
California Proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov