Product data sheet

Specifications

APC Smart-UPS VT 10KVA 208V with 1 Batt Mod Exp to 4, Int Maint Bypass, Parallel Capable

SUVTP10KF1B4

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

Discontinued - Service only

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
Battery Type	Lead-acid battery
Provided Equipment	Battery modules ship installed CD with software Power modules ship installed User manual Web/SNMP management card Bolt down brackets Installation guide

Batteries & Runtime

Run Time	View Runtime Graph
Efficiency	View Efficiency Graph
Number Of Battery Filled Slots	1
Number Of Battery Free Slots	3
Battery Recharge Time	5 h
Number Of Battery Replacement Quantity	1
Additional Information	Configurable for 208 and 220V - 3 Phase
Battery Voltage	+/- 192 V (split battery referenced to neutral)
Discharge Battery Voltage	+/- 154 V
Battery Overload Operation	10 minutes at 125% and 60 seconds at 150%
Battery Charger Power	505 W rated

Battery Power In Vah	2530 VAh runtime
Battery Life	3…5 year(s)
Replacement Battery	SYBT4
Battery Option	SYBT4 1 4927 VAh SYBT4 2 7225 VAh SYBT4 30 9722 VAh SUVTBXR6B6S 1 16994 VAh SUVTBXR6B6S 2 31919 VAh SUVTBXR6B6S 3 47071 VAh SUVTBXR6B6S 4 62351 VAh
Extended Runtime	0

General

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

Physical

Colour	Black
Height	149.9 cm
Width	52.3 cm
Depth	83.8 cm
Net Weight	506.82 kg
Mounting Location	Front
Mounting Preference	No preference
Mounting Mode	Not rack-mountable
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	165...240 V
Maximum Input Current	27 A
Switching Current Capacity	35 A
Input Harmonic Distortion	Less than 5 % for full load
Input Protection Type	3-pole circuit breaker
Load Power Factor	0.5 leading to 0.5 lagging
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	57...63 Hz for 60 Hz nominal sync to mains 60 Hz +/- 0.1 % for 60 Hz nominal unsynchronised
Crest Factor	Unlimited

Ups Type	Double conversion online
Wave Type	Sine wave
Output Voltage Tolerance	+/- 1% static and +/- 5% at 100% load step
Output Overload Operation	10 minutes at 125% and 60 seconds at 150%
Bypass Type	Built-in maintenance bypass Built-in static bypass
Efficiency	93.2 % (full load) 91.7 % (half load)
Maximum Output Current	31 A
Maximum Configurable Power In Va	10000 VA

Conformance

Product Certifications	cUL listed CE
Standards	EN 50091-2 EN/IEC 62040-2 EN/IEC 62040-3 EN/IEC 62040-1-1 FCC part 15 class A ISO 14001 ISO 9001 UL 1778

Environmental

Ambient Air Temperature For Operation	0…40 °C
Relative Humidity	0…95 %
Operating Altitude	0...3333 ft
Ambient Air Temperature For Storage	-15…45 °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 with environmental monitoring
Control Panel	Multifunction LCD status and control console
Alarm	Audible and visible alarms : configurable delays
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	537.73 kg

Contractual warranty

Warranty	1 year on-site repair or replace with factory authorized Start-Up

Sustainability

Green Premium™ label 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.

Learn more about Green Premium ›

Eu Rohs Directive	Under investigation