

Product data sheet

Specifications



APC Smart-UPS VT 10kVA 208V w/ 4 Batt. Modules

SUVT10KF4B4

⚠ Discontinued on: Dec 31, 2020

⚠ End-of-service on: Oct 18, 2023

⚠ Discontinued

Overview

Lead time Usually Ships within 2 Weeks

Main

Main Input Voltage	208 V 3 phases
Main Output Voltage	208 V 3 phases
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 Bolt down brackets CD with software Installation guide Power modules ship installed Smart UPS signalling RS-232 cable User manual Web/SNMP management card

Batteries & Runtime

Efficiency	View Efficiency Graph
Battery type	VRLA
Number of battery filled slots	4
Number of battery free slots	0
Battery recharge time	14 h
Number of battery replacement quantity	4
Battery charger power	789 W rated
Battery life	3...5 year(s)
Extended runtime	1

General

UPS type	Double conversion online
Number of power module free slots	0
Number of power module filled slots	0
Redundant	No

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

Physical

Colour	Black
Height	149.9 cm
Width	52.3 cm
Depth	92.5 cm
net weight	599.09 kg
mounting location	Front
Mounting preference	No preference
mounting mode	Not rack-mountable
USB compatible	No

Input

Network frequency	40...70 Hz
Number of input connectors	1 hard wire 5-wire (3P + N + E)
Input voltage limits	160...240 V
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
Efficiency	93.2 % (full load) 91.7 % (half load)
Harmonic distortion	Less than 5 % at full load
Crest factor	Unlimited
Bypass type	Built-in maintenance bypass Built-in static bypass

Conformance

Product certifications	cUL listed
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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	0.0000000000...15240.0000000000 m
Acoustic level	64 dBA
heat dissipation	2054 Btu/h
NEMA degree of protection	NEMA 1

Communications & Management

Free slots	0
Preinstalled device	Network management card 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	630 kg

Contractual warranty

Warranty	1 year repair or replace
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Sustainability

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Eu Rohs Directive

Under investigation
