Product data sheet

Specifications

Discontinued

APC Smart-UPS VT 10KVA 208V with 3 Batt Mod Exp to 4, Int Maint Bypass, Parallel Capable

SUVTP10KF3B4

Discontinued on: Dec 31, 2020

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 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
Battery type	Lead-acid battery
Number of battery filled slots	3
Number of battery free slots	1
Battery recharge time	5 h
Number of battery replacement quantity	3
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	1442 W rated

Battery life	3…5 year(s)
Replacement battery	SYBT4
Extended runtime	1

General

UPS type	Double conversion online
Bypass voltage tolerance	+/- 10 % settable from +/- 4/6/8 and 10 %
Number of power module free slots	0
Number of power module filled slots	0
Redundant	Yes

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
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 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
Output voltage tolerance	+/- 1% static and +/- 5% at 100% load step
Output overload operation	10 minutes at 125% and 60 seconds at 150%

Efficiency	93.2 % (full load) 91.7 % (half load)
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 CE

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	0.0000000000…15240.0000000000 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
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	537.73 kg

Contractual warranty

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

Sustainability

Green Premium^{TM} 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-CO_2 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 >

Eu Rohs Directive	Under investigation