

Product data sheet

Specifications



APC Smart-UPS VT 15KVA 208V w/3 Batt Mod Exp to 4, Int Maint Bypass, Parallel Capable

SUVTP15KF3B4

! Discontinued - Service only

! Discontinued on: Dec 31, 2020

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

Overview

Lead Time	Usually Ships within 2 Weeks
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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	12000 W
Rated Power In Va	15000 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 Bolt down brackets CD with software Installation guide Power modules ship installed User manual Web/SNMP management card

Batteries & Runtime

Run Time	View Runtime Graph
Efficiency	View Efficiency Graph
Number Of Battery Filled Slots	3
Number Of Battery Free Slots	1
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%

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 Charger Power	1461 W rated
Battery Power In Vah	7321 VAh runtime
Battery Life	3...5 year(s)
Replacement Battery	SYBT4 
Battery Option	SYBT4 1 9704 VAh SUVTBXR2B6S 1 12130 VAh SUVTBXR6B6S 1 21849 VAh SUVTBXR6B6S 2 36705 VAh SUVTBXR6B6S 3 51736 VAh SUVTBXR6B6S 4 66891 VAh
Extended Runtime	1

General

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	177...239 V 208 V
Maximum Input Current	40 A
Switching Current Capacity	60 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	12000 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 % (full load) 92.9 % (half load)
Maximum Output Current	46 A
Maximum Configurable Power In Va	15000 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	3276 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 prioritized by severity
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
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