

Product data sheet

Specifications



APC Smart-UPS VT rack mounted 20kVA 208V w/3 battery modules exp. to 5, w/PDU & startup

SUVTR20KF3B5S

! Discontinued - Service only

! Discontinued on: Jul 5, 2021

! 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	16000 W
Rated Power In Va	20000 VA
Nb Of Power Socket Outlets	5 NEMA L21-20
Output Connector Type	Hard wire 5-wire (3P + N + E) 1
Battery Type	VRLA
Provided Equipment	CD with software Network management card Power modules ship installed Smart UPS signalling RS-232 cable User manual Installation guide Start up included

Batteries & Runtime

Run Time	View Runtime Graph
Efficiency	View Efficiency Graph
Number Of Battery Filled Slots	3
Number Of Battery Free Slots	2
Battery Recharge Time	3 h
Number Of Battery Replacement Quantity	3
Additional Information	Configurable for 200 : 208 or 220V 3 Phase nominal output voltage
Battery Charger Power	2453 W rated
Battery Power In Vah	7383 VAh runtime
Battery Life	3...5 year(s)

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

Replacement Battery	SYBT4 
Battery Option	SYBT4 1 9854 VAh SYBT4 2 12318 VAh SUVTBXR6B6S 1 21899 VAh SUVTBXR6B6S 2 36622 VAh SUVTBXR6B6S 3 51388 VAh SUVTBXR6B6S 4 66518 VAh
Extended Runtime	0

General

Number Of Power Module Free Slots	0
Number Of Power Module Filled Slots	1
Redundant	No

Physical

Colour	Black
Height	199.5 cm
Width	60 cm
Depth	107.5 cm
Net Weight	656.36 kg
Mounting Location	Front
Mounting Preference	No preference
Mounting Mode	Rack-mounted
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	53 A
Switching Current Capacity	80 A
Input Power Factor At Full Load	0.98

Output

Maximum Configurable Power In W	16000 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
Bypass Type	Built-in maintenance bypass Built-in static bypass
Maximum Output Current	61 A

Maximum Configurable Power In Va	20000 VA
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Conformance

Product Certifications	cUL listed UL 1778
Standards	ISO 14001 ISO 9001

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	58 dBA
Heat Dissipation	4238 Btu/h
Nema Degree Of Protection	NEMA 1

Communications & Management

Free Slots	0
Preinstalled Device	Network management card 2 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	199.5 cm
Package 1 Width	60 cm
Package 1 Length	107.5 cm
Package 1 Weight	691.36 kg

Contractual warranty

Warranty	1 year repair or replace, Start-Up Service
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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.

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Compliant

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