

Product data sheet

Specifications



APC Smart-UPS VT rack mounted
20kVA 480V in, 208V out w 4 batt
mod. exp. to 5, w/PDU & startup

SUVTR20KG4B5S

! 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

Main

Main Input Voltage	480 V 3 phases
Main Output Voltage	120 V 208 V 208 V 3 phases
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
Number Of Battery Filled Slots	4
Number Of Battery Free Slots	1
Battery Recharge Time	3 h
Number Of Battery Replacement Quantity	4
Additional Information	Configurable for 200 : 208 or 220V 3 Phase nominal output voltage
Battery Charger Power	3274 W rated
Battery Power In Vah	9854 VAh runtime
Battery Life	3...5 year(s)
Replacement Battery	SYBT4

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 Option	SYBT4 1 12318 VAh SUVTBXR6B6S 1 24332 VAh SUVTBXR6B6S 2 39064 VAh SUVTBXR6B6S 3 53835 VAh SUVTBXR6B6S 4 68981 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	950 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 4-wire (3P + E)
Input Voltage Limits	408...552 V 480 V
Switching Current Capacity	40 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
Output Overload Operation	60 seconds at 125% and 30 seconds at 150%
Bypass Type	Built-in maintenance bypass Built-in static bypass
Efficiency	93.8 % (full load)
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	985 kg

Contractual warranty

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


Green Premium™ 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 >](#)



Transparency

Well-being performance

 Mercury Free

Eu Rohs Directive

Not compliant

Environmental Disclosure

[Product Environmental Profile](#)

California Proposition 65

WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Circularity Profile

[End of Life Information](#)