

# Product data sheet

Specifications



## APC Smart-UPS VT Rack Mounted 20kVA 208V w/2 batt mod. exp. to 5, w/PDU & startup

SUVTR20KF2B5S

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Discontinued on: 05 July 2021
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End-of-service on: 18 October 2023

! Discontinued

### 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	16000 W
Rated power in VA	20000 VA
Output connection type	5 NEMA L21-20
Output connector type	Hard wire 5-wire (3P + N + E) 1
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

Battery type	VRLA
Number of battery filled slots	2
Number of battery free slots	3
Battery recharge time	3 h
Number of battery replacement quantity	2
Battery charger power	1668 W rated
Battery life	3...5 year(s)
Replacement battery	<a href="#">SYBT4</a> <a href="#">↗</a>
Extended runtime	0

General

UPS type	Double conversion online
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	565.45 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	160...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 VA	20000 VA
Maximum configurable power in W	16000 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
Harmonic distortion	Less than 5 % at full load
Maximum output current	61 A
Crest factor	Unlimited
Bypass type	Built-in maintenance bypass Built-in static bypass
Additional information	Configurable for 200 : 208 or 220V 3 Phase nominal output voltage

Conformance

Product certifications	cUL listed UL 1778
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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	0.00...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
Emergency power off	Yes

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	199.5 cm
Package 1 Width	107.5 cm
Package 1 Length	60 cm
Package 1 Weight	600.45 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>
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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
Optimized Energy Efficiency	Energy efficient product
Take-back	Take-back program available

Contractual warranty

Warranty	1 year repair or replace, Start-Up Service
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Recommended replacement(s)

SUVTR20KF2B5S is replaced by:

1x



Galaxy VS UPS 20kW 208V with N+1 power module, for 5 smart modular 9Ah battery strings, Start-up 5x8  
GVSUPS20KR0B5FS