Product data sheet

Specifications

APC Smart-UPS VT 20kVA 208V w/ 2 Batt Mod Exp to 4, Start-Up 5X8, Int Maint Bypass, Parallel Capable

SUVTP20KF2B4S

⚠ Discontinued on: Jul 5, 2021

⚠ End-of-service on: Oct 18, 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 connector type	Hard wire 5-wire (3P + N + E) 1
Connections - terminals	1 screw terminals
Provided equipment	Battery modules ship installed CD with software Network management card Power modules ship installed Smart UPS signalling RS-232 cable User manual Bolt down brackets Installation guide Start up included

Batteries & Runtime

Run Time	View Runtime Graph ⬈
Efficiency	View Efficiency Graph ⬈
Battery type	VRLA
Number of battery filled slots	2
Number of battery free slots	2
Battery recharge time	5 h
Number of battery replacement quantity	2
Battery voltage	+/- 192 V (split battery referenced to neutral)
Discharge battery voltage	+/- 154 V
Battery charger power	1002 W rated

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

General

UPS type	Double conversion online
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	81.3 cm
net weight	445 kg
mounting location	Front
Mounting preference	No preference
mounting mode	Not rack-mountable
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 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 208 and 220V - 3 Phase

Conformance

Product certifications	cUL listed 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	-50…40 °C
Storage Relative Humidity	0…95 %
Storage altitude	0.0000000000…15240.0000000000 m
Acoustic level	55 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	164.3 cm
Package 1 Width	106.2 cm
Package 1 Length	65 cm
Package 1 Weight	475.91 kg

Contractual warranty

Warranty	1 year repair or replace, Start-Up Service

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-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 ›

Take-back   Transparency   RoHS/REACh

Resource performance

✓ Take-Back Program Available

Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information   Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant with Exemptions
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
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