Product data sheet

Specifications

Discontinued - Service only

APC Smart-UPS VT 20kVA 208V w/ 4 Batt. Mod., Start-Up 5X8, Internal Maint Bypass, Parallel Capability

SUVTP20KF4B4S

Discontinued on: Jul 5, 2021

To be end-of-service on: Dec 31, 2031

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
Battery voltage	+/- 192 V (split battery referenced to neutral)
Extended runtime	1
Number of battery filled slots	2
Number of battery free slots	0
Battery recharge time	5 h
Number of battery replacement quantity	2
Battery life	3…5 year(s)

Discharge battery voltage	+/- 154 V
Battery charger power	1966 W rated

General

Number of power module filled slots	0
Number of power module free slots	0
Redundant	Yes
UPS type	Double conversion online

Physical

Colour	Black
Height	149.9 cm
Width	52.3 cm
Depth	81.3 cm
Net weight	629.09 kg
Mounting location	Front
Mounting preference	No preference
Mounting mode	Not rack-mountable
Two post mountable	0
USB compatible	No

Input

Maximum input current	53 A
Input Power Factor at Full Load	0.98
Switching current capacity	80 A
Input voltage limits	165...240 V
Number of input connectors	1 hard wire 5-wire (3P + N + E)
Network frequency	40...70 Hz

Output

Bypass type	Built-in maintenance bypass Built-in static bypass
Crest factor	Unlimited
Harmonic distortion	Less than 5 % at full load
Maximum configurable power in VA	20000 VA
Maximum configurable power in W	16000 W
Maximum output current	61 A
Wave type	Sine wave
Output frequency	57...63 Hz for 60 Hz nominal sync to mains 60 Hz +/- 0.1 % for 60 Hz nominal unsynchronised
Additional information	Configurable for 208 and 220V - 3 Phase

Conformance

Product certifications	cUL listed UL 1778

Environmental

Acoustic level	55 dBA
Heat dissipation	4238 Btu/h
Operating altitude	0...3333 ft
Ambient air temperature for operation	0…40 °C
Ambient air temperature for storage	-50…40 °C
Storage altitude	0.0000000000…15240.0000000000 m
NEMA degree of protection	NEMA 1
Relative humidity	0…95 %
Storage Relative Humidity	0…95 %

Communications & Management

Emergency power off	Yes
Free slots	0
Preinstalled device	Network management card 2 with environmental monitoring

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	660 kg

Contractual warranty

Warranty	1 year repair or replace, Start-Up Service

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Environmental footprint

Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances

EU RoHS Directive	Compliant with Exemptions
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

Use Again

Repack and remanufacture

Circularity Profile	End of Life Information
Take-back	Yes