# **Product datasheet**

Specifications

Green Premium



# APC Smart-UPS VT 20kVA 400V w/2 Batt Mod Exp to 4, Start-Up 5X8, Int Maint Bypass, Parallel Capable

SUVTP20KH2B4S

Uiscontinued on: Jul 5, 2021

(!) End-of-service on: Oct 18, 2023

### Overview

Lead Time Usually Ships within 2 Weeks Main Main Input Voltage 400 V 3 phases **Other Input Voltage** 380 V 415 V Main Output Voltage 400 V 3 phases Other Output Voltage 380 V 415 V Rated Power In W 16000 W Rated Power In Va 20000 VA **Output Connector Type** Hard wire 4-wire (3P + E) 1 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 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	4 h
Number Of Battery Replacement Quantity	2
Battery Voltage	+/- 192 V (split battery referenced to neutral)
Discharge Battery Voltage	+/- 154 V



Battery Charger Power	1243 W rated
Battery Life	35 year(s)
Battery Graph Comments	Estimated runtimes based on battery vendor data, at typical environmental conditions, with no electrical input and balanced PF = 0.8 output.
Extended Runtime	1

## General

Ups Туре	Double conversion online
Number Of Power Module Free Slots	0
Number Of Power Module Filled Slots	0
Redundant	No

# Physical

Colour	Black
Height	149 cm
Width	52.3 cm
Depth	84.2 cm
Net Weight	415 kg
Mounting Location	Front
Mounting Preference	No preference
Mounting Mode	Not rack-mountable
Two Post Mountable	0
Usb Compatible	No

# Input

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Network Frequency	4070 Hz auto-sensing
Number Of Input Connectors	1 hard wire 5-wire (3P + N + E)
Input Voltage Limits	304477 V
Maximum Input Current	27 A
Switching Current Capacity	50 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	4753 Hz for 50 Hz nominal sync to mains 50 Hz +/- 0.1 % for 50 Hz nominal unsynchronised
Wave Type	Sine wave
Harmonic Distortion	Less than 5 % at full load
Maximum Output Current	32 A
Crest Factor	3 : 1
Bypass Type	Built-in maintenance bypass Built-in static bypass

Additional Information

Configurable for 380 : 400 or 415 V 3 Phase nominal output voltage

#### Conformance

Product Certifications	C-Tick	
	CE	
	RCM	

### **Environmental**

Ambient Air Temperature For Operation	040 °C
Relative Humidity	095 %
Operating Altitude	03333 ft
Ambient Air Temperature For Storage	-5040 °C
Storage Relative Humidity	095 %
Storage Altitude	0.0015240.00 m
Acoustic Level	64 dBA
Heat Dissipation	3112 Btu/h
Ip Degree Of Protection	IP20

# **Communications & Management**

Free Slots	0
Preinstalled Device	Network management card 2 with environmental monitoring
Alarm	Audible and visible alarms : prioritized by severity
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	445.91 kg

## **Contractual warranty**

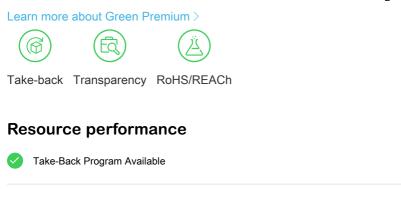
Warranty

1 year repair or replace, Start-Up Service



# Sustainability Screen Premium

**Green Premium<sup>TM</sup> label** is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.



#### 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

