

Product data sheet

Specifications



APC Smart-UPS VT 20kVA 400V, w/Start-Up 5X8, Internal Maintenance Bypass, & Parallel Capability

SUVTP20KHS

! Discontinued - Service only

! Discontinued on: Jul 5, 2021

! To be end-of-service on: Dec 31, 2030

Overview

Presentation	UPS is supplied without batteries. 3rd party battery system must be purchased separately.
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
Battery Type	External battery system
Provided Equipment	CD with software Installation guide Network management card Power modules ship installed User manual

Batteries & Runtime

Run Time	View Runtime Graph
Efficiency	View Efficiency Graph
Number Of Battery Filled Slots	0
Number Of Battery Free Slots	0
Additional Information	Configurable for 380 : 400 or 415 V 3 Phase nominal output voltage
Battery Power In Vah	0 VAh runtime
Extended Runtime	0

General

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

Number Of Power Module Free Slots	0
Number Of Power Module Filled Slots	0
Redundant	No

Physical

Colour	Black
Height	82.3 cm
Width	35.2 cm
Depth	81.3 cm
Net Weight	134 kg
Mounting Location	Front
Mounting Preference	No preference
Mounting Mode	Not rack-mountable
Two Post Mountable	0
Usb Compatible	No

Input

Network Frequency	47...70 Hz auto-sensing
Number Of Input Connectors	1 hard wire 5-wire (3P + N + E)
Input Voltage Limits	304...477 V
Maximum Input Current	27 A
Switching Current Capacity	50 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	47...53 Hz for 50 Hz nominal sync to mains 50 Hz +/- 0.1 % for 50 Hz nominal unsynchronised
Crest Factor	3 : 1
Ups Type	Double conversion online
Wave Type	Sine wave
Bypass Type	Built-in maintenance bypass Built-in static bypass
Maximum Output Current	32 A
Maximum Configurable Power In Va	20000 VA

Conformance

Product Certifications	C-Tick CE RCM
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Standards	EN 50091-2 EN 61000-3-2 EN 61000-3-3 EN/IEC 62040-3 ISO 14001 ISO 9001 VFI-SS-111
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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 prioritized by severity
Emergency Power Off	Yes

Packing Units

Package 1 Height	129 cm
Package 1 Width	72 cm
Package 1 Length	111 cm
Package 1 Weight	173 kg

Contractual warranty

Warranty	1 year on-site repair or replace with factory authorized Start-Up
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Sustainability

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Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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Transparency

Well-being performance

 Mercury Free

Eu Rohs Directive

Not compliant

Environmental Disclosure

[Product Environmental Profile](#)

Circularity Profile

[End of Life Information](#)