

# Product datasheet

Specifications



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

SUVTP20KHS

⚠ Discontinued - Service only

⚠ Discontinued on: 05 July 2021

⚠ To be end-of-service on: 31 December 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

### General

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
------------------------	---------------------

## Batteries & Runtime

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

## 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	Db
Number of Units in Package 1	1
Package 1 Height	129 cm
Package 1 Width	111 cm
Package 1 Length	72 cm
Package 1 Weight	173 kg

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>
Take-back	Take-back program available

## Contractual warranty

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

## Recommended replacement(s)

SUVTP20KHS is replaced by:

1x



Galaxy VS UPS 20kW 400V for up to 4 internal 9Ah smart modular battery strings,  
Start-up 5x8  
GVSUPS20K0B4HS