

# Product data sheet

Specifications



## APC Smart-UPS VT 40kVA 400V, Start-Up 5X8, Internal Maintenance Bypass

SUVT40KHS

⚠ Discontinued on: Dec 31, 2020

⚠ End-of-service on: Oct 18, 2023

⚠ Discontinued

### 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	230 V 400 V 3 phases
Other Output Voltage	380 V 415 V
Rated power in W	32000 W
Rated power in VA	40000 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	Bolt down brackets CD with software Installation guide Power modules ship installed Start up included User manual Web/SNMP management card

### Batteries & Runtime

Run Time	<a href="#">View Runtime Graph</a>
Efficiency	<a href="#">View Efficiency Graph</a>
Battery type	External battery system
Number of battery filled slots	0
Number of battery free slots	0
Battery recharge time	5 h
Battery life	3...5 year(s)
Extended runtime	1

### General

UPS type Double conversion online

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	52.3 cm
Depth	90.6 cm
net weight	182.5 kg
mounting location	Front
Mounting preference	No preference
mounting mode	Not rack-mountable
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	55 A
Switching current capacity	80 A
Input Power Factor at Full Load	0.98

## Output

Maximum configurable power in VA	40000 VA
Maximum configurable power in W	32000 W
Output frequency	47...53 Hz for 50 Hz nominal sync to mains 50 Hz +/- 0.1 % for 50 Hz nominal unsynchronised
Wave type	Sine wave
Output overload operation	60 seconds at 125% and 30 seconds at 150%
Efficiency	95.8 % (full load) 95.5 % (half load)
Harmonic distortion	Less than 5 % at full load
Maximum output current	64 A
Crest factor	Unlimited
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
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## 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	5459 Btu/h
IP degree of protection	IP20

## Communications & Management

Free slots	0
Preinstalled device	Network management card 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	129 cm
Package 1 Width	111 cm
Package 1 Length	72 cm
Package 1 Weight	221.5 kg

## Contractual warranty

Warranty	1 year repair or replace, Start-Up Service
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# Sustainability

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Eu Rohs Directive

Under investigation