

Product datasheet

Specifications



APC Smart-UPS VT 10kVA 400V w/1 Batt Mod Exp to 4, Start-Up 5X8, Int Maint Bypass, Parallel Capable

SUVTP10KH1B4S

⚠ Discontinued - Service only

⚠ Discontinued on: 05 July 2021

⚠ To be end-of-service on: 31 December 2030

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	8000 W
Rated power in VA	10000 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	VRLA
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

General

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	323.18 kg
Mounting location	Front
Mounting preference	No preference
Mounting mode	Not rack-mountable
Two post mountable	0
USB compatible	No

Input

Network frequency	40...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	14 A
Switching current capacity	20 A
Input Power Factor at Full Load	0.98

Output

Maximum configurable power in W	8000 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	16 A
Maximum configurable power in VA	10000 VA

Conformance

Product certifications	C-Tick CE RCM
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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	0.00...15240.00 m
Acoustic level	64 dBA
Heat dissipation	1774 Btu/h

IP degree of protection	IP20
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Batteries & Runtime

Number of battery filled slots	1
Number of battery free slots	3
Battery recharge time	5 h
Number of battery replacement quantity	1
Additional information	Configurable for 380 : 400 or 415 V 3 Phase nominal output voltage
Battery voltage	+/- 192 V (split battery referenced to neutral)
Discharge battery voltage	+/- 154 V
Battery charger power	502 W rated
Battery power in VAH	2513 VAh runtime
Battery life	3...5 year(s)
Battery option	SYBT4 1 4983 VAh SYBT4 2 8171 VAh SYBT4 3 9899 VAh SUVTXR6B6S 1 17226 VAh SUVTXR6B6S 2 32279 VAh SUVTXR6B6S 3 47439 VAh SUVTXR6B6S 4 62835 VAh
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

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	164.3 cm
Package 1 Width	106.2 cm
Package 1 Length	65 cm
Package 1 Weight	354.09 kg
Number of Units in Package 3	1

Offer Sustainability

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

Contractual warranty

Warranty

1 year repair or replace, Start-Up Service

Recommended replacement(s)

SUVTP10KH1B4S is replaced by:

1x



Galaxy VS UPS 15kW 400V, 1 internal 9Ah smart modular battery string, expandable to 4, Start-up 5x8
GVSUPS15KB4HS
