Product data sheet
Characteristics

SUVTP10KH2B2S
APC Smart-UPS VT 10kVA 400V w/2 Batt Mod., Start-Up 5X8, Int Maint Bypass, Parallel Capable

To be discontinued

Commercial status

Discontinued on: 14 January 2021

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

Overview

Lead time	Usually Ships within 2 Weeks

General

Provided equipment	Battery modules ship installed CD with software Network management card Smart UPS signalling RS-232 cable User manual Bolt down brackets Installation guide Start up included
Performance multiplier	1
Number of tare power	180 W
Number of power module free slots	0
Number of power module filled slots	0
Redundant	No
Size UPS version	Internetworking Server Telecom
UPS size	L
Value multiplier	1

Physical

Colour	Black
Depth	84.2 cm
Height	149 cm
Mounting location	Front
Mounting preference	No preference
Net weight	396.82 kg
Mounting mode	Not rack-mountable
Two post mountable	0
USB compatible	No
Width	35.2 cm

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
Inputvolt_other	380 V 415 V
Maximum input current	14 A
Switching current capacity	20 A
Input voltage	400 V 3 phases
Cos phi	0.98

Output

Rated power in W	8000 W
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
Outputvolt_other	380 V 415 V
Crest factor	3 : 1
UPS type	Double conversion online
Wave type	Sine wave
Connections - terminals	1 screw terminals
Output connector type	Hard wire 4-wire (3P + E) 1 Hard wire 5-wire (3P + N + E) 1
Bypass type	Built-in maintenance bypass Built-in static bypass
Curve equation	Efficiency
Curve fixed loss	0.0123
Curve load maximum	100 %
Curve load minimum	2 %
Curve proportional loss	0.0211
Curve square loss	0.0205
Curve X-axis maximum	100 %
Curve test cond ID	Curve fit to measured efficiency data. All measurements taken in normal operating mode, at typical environmental conditions, with nominal electrical input and balanced PF = 0.8 output.
Curve X-axis minimum	0 %
Curve X-axis title	Load
Curve X-axis units	Percentage
Curve Y-axis maximum	100 %
Curve Y-axis minimum	50 %
Curve Y-axis title	Efficiency
Curve Y-axis units	Percentage
Graph display	1
Maximum output current	16 A
Output voltage	400 V 3 phases
Maximum configurable power in VA	10000 VA
Rated power in VA	10000 VA

Conformance

Product certifications	C-Tick CE RCM

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Standards	EN 50091-2
	EN/IEC 62040-3
	IEC 61000-3-2
	IEC 61000-3-3
	ISO 14001
	ISO 9001
	VFI-SS-111

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
Show note OP temperature	No
IP degree of protection	IP20

Batteries & Runtime

Battery type	VRLA
Number of battery filled slots	2
Number of battery free slots	0
Battery recharge time	5 h
Number of battery replacement quantity	2
Additional information	Configurable for 380 : 400 or 415 V 3 Phase nominal output voltage
Liquid value	0
Battery voltage	+/- 192 V (split battery referenced to neutral)
Discharge battery voltage	+/- 154 V
Battery curve	B
Battery charger power	995 W rated
Battery power in VAH	4983 VAh runtime
Battery life	3…5 year(s)
Battery option	SUVTXR2B6S 1 9899 VAh
	SUVTXR6B6S 1 19687 VAh
	SUVTXR6B6S 2 34762 VAh
	SUVTXR6B6S 3 49936 VAh
	SUVTXR6B6S 4 65348 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
Control panel	Multifunction LCD status and control console
Alarm	Audible and visible alarms prioritized by severity
Emergency power off	Yes

Packing Units

Package 1 Weight	427.73 kg
Package 1 Height	164.3 cm
Package 1 width	65 cm

Package 1 Length	106.2 cm
Number of Units in Package 3	1

Offer Sustainability

EU RoHS Directive	Under investigation

Contractual warranty

Warranty	1 year repair or replace, Start-Up Service

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