

Product data sheet

Characteristics

SUVTP10KF1B2S

APC Smart-UPS VT 10kVA 208V w/1 Batt Mod
Exp to 2, 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 Power modules ship installed Smart UPS signalling RS-232 cable Start-up service User manual Bolt down brackets Installation guide
Performance multiplier	1
Number of tare power	230 W
Number of power module free slots	0
Number of power module filled slots	1
Redundant	No
Size UPS version	Internetworking Server Telecom
UPS size	L
Value multiplier	1

Physical

Colour	Black
Depth	81.3 cm
Height	149.9 cm
Mounting location	Front
Mounting preference	No preference
Net weight	305 kg
Mounting mode	Not rack-mountable
Two post mountable	0

USB compatible	No
Width	35.6 cm

Input

Network frequency	40...70 Hz auto-sensing
Number of input connectors	1 hard wire 5-wire (3P + N + E)
Input voltage limits	165...240 V
Inputvolt_other	220 V
Maximum input current	27 A
Switching current capacity	35 A
Input voltage	208 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	57...63 Hz for 60 Hz nominal sync to mains 60 Hz +/- 0.1 % for 60 Hz nominal unsynchronised
Outputvolt_other	220 V
Crest factor	Unlimited
UPS type	Double conversion online
Wave type	Sine wave
Connections - terminals	1 screw terminals
Output connector type	Hard wire 5-wire (3P + N + E) 1
Bypass type	Built-in maintenance bypass Built-in static bypass
Curve equation	Efficiency
Curve fixed loss	0.0299
Curve load maximum	100 %
Curve load minimum	4 %
Curve proportional loss	0.0163
Curve square loss	0.0268
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	31 A
Output voltage	120 V 208 V 208 V 3 phases
Maximum configurable power in VA	10000 VA
Rated power in VA	10000 VA

Environmental

Ambient air temperature for operation	0...40 °C
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Relative humidity	0...95 %
Operating altitude	0...3333 ft
Ambient air temperature for storage	-50...40 °C
Storage altitude	0.00...15240.00 m
Acoustic level	54 dBA
Heat dissipation	2047 Btu/h
Show note OP temperature	No
NEMA degree of protection	NEMA 1

Batteries & Runtime

Battery type	VRLA
Number of battery filled slots	1
Number of battery free slots	1
Battery recharge time	5 h
Number of battery replacement quantity	1
Additional information	Configurable for 208 and 220V - 3 Phase
Liquid value	0
Battery curve	B
Battery charger power	505 W rated
Battery power in VAH	2530 VAH runtime
Battery life	3...5 year(s)
Battery option	SYBT4 1 4927 VAh SUVTBXR6B6S 1 16994 VAh SUVTBXR6B6S 2 31919 VAh SUVTBXR6B6S 3 47071 VAh SUVTBXR6B6S 4 62351 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	335.92 kg
Package 1 Height	164.3 cm
Package 1 width	65 cm
Package 1 Length	106.2 cm

Offer Sustainability

EU RoHS Directive	Under investigation
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Contractual warranty

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