

# SUVTP10KF2B2S

APC Smart-UPS VT 10kVA 208V w/2 Batt. Mod.,  
Start-Up 5X8, Internal Maint Bypass, Parallel  
Capability



## Commercial status

Discontinued on: 14 January 2021

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

! To be discontinued

## 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 User manual Bolt down brackets Installation guide Start up included
Performance multiplier	1
Number of tare power	230 W
Number of power module free slots	0
Number of power module filled slots	0
Redundant	Yes
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	396.82 kg
Mounting mode	Not rack-mountable
Two post mountable	0
USB compatible	No
Width	35.6 cm

## Input

Network frequency	40...70 Hz
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

## Conformance

Product certifications	CUL listed UL 1778
Standards	ISO 14001 ISO 9001

## 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 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	2
Number of battery free slots	0
Battery recharge time	5 h
Number of battery replacement quantity	2
Additional information	Configurable for 208 and 220V - 3 Phase
Liquid value	0
Battery curve	B
Battery charger power	983 W rated
Battery power in VAh	4927 VAh runtime
Battery life	3...5 year(s)
Battery option	SUVTBXR6B6S 1 19466 VAh SUVTBXR6B6S 2 34413 VAh SUVTBXR6B6S 3 49604 VAh SUVTBXR6B6S 4 64917 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 : configurable delays
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

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>

## Contractual warranty

Warranty	1 year repair or replace, Start-Up Service
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