

# SUVTP10KF2B4S

APC Smart-UPS VT 10kVA 208V w/2 Batt Mod  
Exp to 4, Start-Up 5X8, Int Maint Bypass, Parallel  
Capable



## 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 Start-up service User manual Bolt down brackets Installation guide
Performance multiplier	0
Number of tare power	230 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	0

## Physical

Depth	81.3 cm
Height	149.9 cm
Mounting location	Front
Mounting preference	No preference
Net weight	506.82 kg
Mounting mode	Not rack-mountable
Two post mountable	0
USB compatible	No

Width	52.3 cm
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## 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	34 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 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	0.0299
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

Show note OP temperature	No
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## Batteries & Runtime

Battery type	Lead-acid battery
Number of battery filled slots	0
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 voltage	+/- 192 V (split battery referenced to neutral)
Discharge battery voltage	+/- 154 V
Battery curve	B
Battery charger power	983 W rated
Battery power in VAh	4927 VAh runtime
Battery life	3...5 year(s)
Battery option	SYBT4 1 7225 VAh SYBT4 2 9722 VAh SUVTBXR6B6S 1 19466 VAh SUVTBXR6B6S 2 34413 VAh SUVTBXR6B6S 3 49604 VAh SUVTBXR6B6S 4 64917 VAh
Extended runtime	0

## Communications & Management

Control panel	Multifunction LCD status and control console
Alarm	Audible and visible alarms : configurable delays
Emergency power off	Yes

## Packing Units

Package 1 Weight	537.73 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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