

# Product data sheet

Specifications



## APC Smart-UPS VT 30kVA 200/208V Japan with 3 Battery Modules Expandable to 4, Start-Up 5X8

SUVTJP30KF3B4S

❗ Discontinued

❗ Discontinued on: Jul 5, 2021

❗ End-of-service on: Oct 18, 2023

### Overview

Lead time	Usually Ships within 2 Weeks
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### Main

Main Input Voltage	200 V 3 phases
Main Output Voltage	200 V 3 phases
Rated power in W	24000 W
Rated power in VA	30000 VA
Output connector type	Hard wire 4-wire (3P + E) 1 Hard wire 5-wire (3P + N + E) 1 Hard wire 3-wire (3P) 1 Hard wire 4-wire (3P + N) 1 Hard wire 4-wire (3P + PEN) 1
Connections - terminals	1 screw terminals
Provided equipment	Battery modules ship installed Bolt down brackets CD with software Installation guide Network management card Power modules ship installed Smart UPS signalling RS-232 cable Start-up service User manual

### Batteries & Runtime

Battery type	VRLA
Number of battery filled slots	3
Number of battery free slots	1
Battery recharge time	4 h
Number of battery replacement quantity	1
Battery voltage	+/- 192 V (split battery referenced to neutral)
Discharge battery voltage	+/- 154 V
Max current discharge	104 A
Battery overload operation	10 minutes at 125% and 60 seconds at 150%
Battery charger power	1864 W rated
Battery life	3...5 year(s)

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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

## General

UPS type	Double conversion online
Bypass wiring configuration	4 wire (3P + N) 5 wire (3P + N + E)
Number of power module free slots	0
Number of power module filled slots	0
Redundant	No

## Physical

Colour	Black
Height	149.9 cm
Width	52.3 cm
Depth	83.8 cm
net weight	545.46 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
Number of input connectors	1 hard wire 3-wire
Input voltage limits	160...240 V
Maximum input current	83 A
Switching current capacity	125 A
Max short time withstand current	63 kA
Input harmonic distortion	Less than 5 % for full load
Input protection type	3-pole circuit breaker
Load power factor	0.5 leading to 0.5 lagging
Input Power Factor at Full Load	1

## Output

Maximum configurable power in VA	30000 VA
Maximum configurable power in W	24000 W
Output frequency	47...53 Hz for 50 Hz nominal sync to mains 50 Hz +/- 0.1 % for 50 Hz nominal unsynchronised 60 Hz +/- 0.1 % for 60 Hz nominal unsynchronised 57...63 Hz for 60 Hz nominal sync to mains
Wave type	Sine wave

Output voltage tolerance	+/- 1% static and +/- 5% at 100% load step
Output overload operation	10 minutes at 125% and 60 seconds at 150%
Output harmonic distortion	< 2% linear load and < 4% non-linear load
Efficiency	94 % (full load) 93.8 % (half load) 93.8 % (in battery operation)
Transfer time	2 ms typical : 4 ms maximum
Neutral output current	150 A
Required output current protection	125 A
Harmonic distortion	Less than 5 %
Crest factor	Unlimited
Bypass type	Built-in maintenance bypass Built-in static bypass

## Conformance

Product certifications	cUL listed UL 1778
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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	-15...45 °C
Storage Relative Humidity	0...95 %
Storage altitude	0.0000000000...15240.0000000000 m
Acoustic level	55 dBA
NEMA degree of protection	NEMA 1
IP degree of protection	IP20

## Communications & Management

Preinstalled device	Network management card 2 with environmental monitoring - Japan
Emergency power off	Yes

## Packing Units

Unit Type of Package 1	PCE
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	579.96 kg

## Contractual warranty

Warranty	1 year repair or replace
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## Sustainability

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Take-back   Transparency   RoHS/REACH

## Resource performance

✓ Take-Back Program Available

## Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information   Yes

## Certifications & Standards

Reach Regulation   [REACH Declaration](#)

Eu Rohs Directive   Pro-active compliance (Product out of EU RoHS legal scope)

Environmental Disclosure   [Product Environmental Profile](#)

Circularity Profile   [End of Life Information](#)