



### Overview

Model Name	APC Smart-UPS VT 30kVA 200/208V Japan with 3 Battery Modules Expandable to 4, Start-Up 5X8
Includes	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
Standard Lead Time	Usually Ships within 2 Weeks
Product Distribution	Japan

### General

Bypass Connection	4 wire (3Ph + N) or 5 wire (3Ph + N + G)
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### Output

Output Power Capacity	24.0 KW / 30.0 kVA
Max Configurable Power (Watts)	24.0 KW / 30.0 kVA
Nominal Output Voltage	200 3PH
Output Voltage Distortion	Less than 5%
Output Frequency (sync to mains)	47 - 53 Hz for 50 Hz nominal , 57 - 63 Hz for 60 Hz nominal
Crest Factor	Unlimited
Crest Factor	Double Conversion Online
Waveform Type	Sine wave
Output Connections	(1) Hard Wire 3-wire (3PH) (Battery Backup) , (1) Hard Wire 4-wire (3PH + G) (Battery Backup) , (1) Hard Wire 4-wire (3PH + N) (Battery Backup) , (1) Hard Wire 4-wire (3PH - PEN) (Battery Backup) , (1) Hard Wire 5-wire (3PH + N + G) (Battery Backup) , (1) Screw Terminals (Battery Backup)
Output Voltage Tolerance	+/-1% static and +/- 5% at 100% load step
Output Voltage THD	< 2% linear load and <4% non-linear load
Overload Operation	10 minutes @ 125% and 60 seconds @ 150%
Required Output Current Protection	125 A
Neutral Output Current	150 A
Bypass	Built-in Maintenance Bypass , Built-in Static Bypass

### Input

Nominal Input Voltage	200 3PH
Input Frequency	40 - 70 Hz

Input Connections	Hard Wire 3-wire
Input voltage range for main operations	160 - 240 V
Maximum Input Current	83 A
Input Breaker Capacity	125 A
Maximum Short Circuit Withstand (Icw)	63.0
Input Total Harmonic Distortion	Less than 5% for full load
Type of Input Protection Required	3-pole breaker

## Batteries & Runtime

Battery Type	VRLA
Included Battery Modules	3
Battery Slots Empty	1
Typical recharge time	4 hour(s)
RBC Quantity	1
Nominal Battery Voltage	+/-192 V (split battery referenced to neutral)
End of Discharge Battery Voltage	+/-154 V
Efficiency in Battery Operation	93.80 %
End of Discharge Maximum Battery Current	104 A
Overload Operation	10 minutes @ 125% and 60 seconds @ 150%

## Communications & Management

Interface Port(s)	DB-9 RS-232 , SmartSlot
Pre-Installed SmartSlot™ Cards	AP9631J
Control panel	Multi-function LCD status and control console
Audible Alarm	Audible and visible alarms : configurable delays
Emergency Power Off (EPO)	Yes

## Physical

Maximum Height	1499.0 mm
Maximum Width	523.0 mm
Maximum Depth	838.0 mm
Net Weight	545.46 kg
Shipping Weight	579.96 kg
Shipping Height	1643.0 mm
Shipping Width	650.0 mm
Shipping Depth	1062.0 mm
Color	Black

## Environmental

Operating Environment	0 - 40 °C
Operating Relative Humidity	0 - 95 %
Operating Elevation	0-999.9 meters
Storage Temperature	-15 - 45 °C
Storage Relative Humidity	0 - 95 %
Storage Elevation	0-15000 meters
Audible noise at 1 meter from surface of unit	55.000 dB
Protection Class	IP 20 , NEMA 1

## Conformance

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Approvals	ISO 14001 , ISO 9001 , UL 1778 , cUL Listed
Standard warranty	1 year repair or replace

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