

# Product data sheet

## Characteristics

# SUVTR20KF2B5S

APC Smart-UPS VT Rack Mounted 20kVA 208V  
w/2 batt mod. exp. to 5, w/PDU & startup



### Overview

Model Name	APC Smart-UPS VT Rack Mounted 20kVA 208V w/2 batt mod. exp. to 5, w/PDU & startup
Includes	CD with software
Standard Lead Time	Usually Ships within 2 Weeks
Product Distribution	Anguilla

### Output

Output Power Capacity	16.0 KW / 20.0 kVA
Max Configurable Power (Watts)	16.0 KW / 20.0 kVA
Nominal Output Voltage	120V
Output Voltage Note	Configurable for 200 : 208 or 220V 3 Phase nominal output voltage
Output Voltage Distortion	Less than 5% at full load
Output Frequency (sync to mains)	57 - 63 Hz for 60 Hz nominal
Other Output Voltages	220V
Crest Factor	Unlimited
Crest Factor	Double Conversion Online
Waveform Type	Sine wave
Output Connections	(1) Hard Wire 5-wire (3PH + N + G) (Battery Backup)
Bypass	Built-in Maintenance Bypass

### Input

Nominal Input Voltage	208 3PH
Input Frequency	40 - 70 Hz
Input Connections	Hard Wire 5-wire (3PH + N + G)
Input voltage range for main operations	160 - 240 V
Other Input Voltages	220
Maximum Input Current	53 A
Input Breaker Capacity	80 A

### Batteries & Runtime

Battery Type	VRLA
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Included Battery Modules	2
Battery Slots Empty	3
Typical recharge time	3 hour(s)
Replacement Battery	SYBT4
RBC Quantity	2

## Communications & Management

Interface Port(s)	DB-9 RS-232
Pre-Installed SmartSlot™ Cards	AP9631
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	1995.0 mm
Maximum Width	600.0 mm
Maximum Depth	1075.0 mm
Net Weight	565.46 kg
Shipping Weight	600.46 kg
Shipping Height	1995.0 mm
Shipping Width	600.0 mm
Shipping Depth	1075.0 mm
Color	Black

## Environmental

Operating Environment	0 - 40 °C
Operating Relative Humidity	0 - 95 %
Operating Elevation	0-999.9 meters
Storage Temperature	-50 - 40 °C
Storage Relative Humidity	0 - 95 %
Storage Elevation	0-15000 meters
Audible noise at 1 meter from surface of unit	58.000 dB
Online Thermal Dissipation	4238.000 BTU/hr
Protection Class	NEMA 1

## Conformance

Approvals	ISO 14001
Standard warranty	1 year repair or replace