



APC Smart-UPS VT 20kVA 208V w/2 Batt. Modules Exp. to 4, Start-Up 5X8, Internal Maintenance Bypass

Part Number: SUVT20KF2B4S



Output

Output Power Capacity	16 kW / 20 kVA
Max Configurable Power	16 kW / 20 kVA
Nominal Output Voltage	120V,208V,208V 3PH
Output Voltage Note	Configurable for 208 and 220V - 3 Phase
Efficiency at Full Load	93.80%
Output Voltage Distortion	Less than 5% at full load
Output Frequency (sync to mains)	57 - 63 Hz for 60 Hz nominal
Crest Factor	Unlimited
Waveform Type	Sine wave
Output Connections	(1) Hard Wire 5-wire (3PH + N + G) (1) Screw Terminals

Input

Bypass	Built-in Maintenance Bypass,Built-in Static Bypass
Nominal Input Voltage	208V 3PH
Input Frequency	40 - 70 Hz
Input Connections	Hard Wire 5-wire (3PH + N + G)
Input voltage range for main operations	165 - 240V
Other Input Voltages	220
Maximum Input Current	53A
Input Breaker Capacity	80A

Batteries & Runtime

Battery Type	VRLA
Included Battery Modules	2
Available Battery Slots	2
Typical recharge time	5 hour(s)
Replacement battery cartridge	SYBT4
RBC™ Quantity	2
Typical Backup Time at Half Load	18.1 minutes (8000 Watts)
Typical Backup Time at Full Load	5.5 minutes (16000 Watts)
Runtime Chart	Smart-UPS VT
Extended Run Options	APC Smart-UPS VT 20kVA 208V w/2 Batt. Modules Exp. to 4, Start-Up 5X8, Internal Maintenance Bypass

Communications & Management

Interface Port(s)	DB-9 RS-232,Smart-Slot
Pre-Installed SmartSlot™ Cards	AP9619
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	59.00 inches (1499 mm)
Maximum Width	20.60 inches (523 mm)
Maximum depth	36.40 inches (925 mm)
Net Weight	979.00 lbs. (445.00 kg)
Shipping Weight	1047.00 lbs. (475.91 kg)
Shipping Height	64.70 inches (1643 mm)
Shipping Width	25.60 inches (650 mm)
Shipping Depth	41.80 inches (1062 mm)
Color	Black
Units per Pallet	1.00

Environmental

Operating Environment	32 - 104 °F (0 - 40 °C)
Operating Relative Humidity	0 - 95%
Operating Elevation	0-3333 feet (0-999.9 meters)
Storage Temperature	-58 - 104 °F (-50 - 40 °C)
Storage Relative Humidity	0 - 95%
Storage Elevation	0-50000 feet (0-15000 meters)
Audible noise at 1 meter from surface of unit	55 dBA
Online Thermal Dissipation	4238.00 BTU/hr
Protection Class	NEMA 1

Conformance

Regulatory Approvals	cUL Listed,ISO 14001,ISO 9001,UL 1778
Standard Warranty	1 year repair or replace,Start-Up Service
Protection Class	NEMA 1

*Estimated Resale Price - Without Tax/VAT

**The time to recharge to 90% of full battery capacity following a discharge to shutdown using a load rated for 1/2 the full load rating of the UPS.