

Smart-UPS VT

APC Smart-UPS VT 20kVA 208V w/3 Batt. Modules Exp. to 4, Start-Up 5X8, Internal Maintenance Bypass



APC Smart-UPS VT, 16 kW / 20 kVA, Input 208V 3PH
/ Output 120V, 208V, 208V 3PH , Interface Port DB-9
RS-232, Smart-Slot

Includes: Battery modules ship installed, Bolt down brackets, CD with software, Installation guide, Power modules ship installed, Smart UPS signalling RS-232 cable, Start up included, User Manual, Web/SNMP Management Card



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SUVT20KE3BAS

DISCONTINUED : recommended
replacement product
SUVTP20KF3B4S

 Email Technical Specifications Printer Friendly

Technical Specifications

Product Overview

Documentation

Options

Ratings and Reviews

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	93.8%
Output Voltage Distortion	Less than 5% at full load
Output Frequency (sync to mains)	57 - 63 Hz for 60 Hz nominal
Other Output Voltages	220
Crest Factor	Unlimited
Waveform Type	Sine wave
Output Connections	(1) Hard Wire 5-wire (3PH + N + G) (1) Screw Terminals
Bypass	Built-in Maintenance Bypass,Built-in Static Bypass

Input

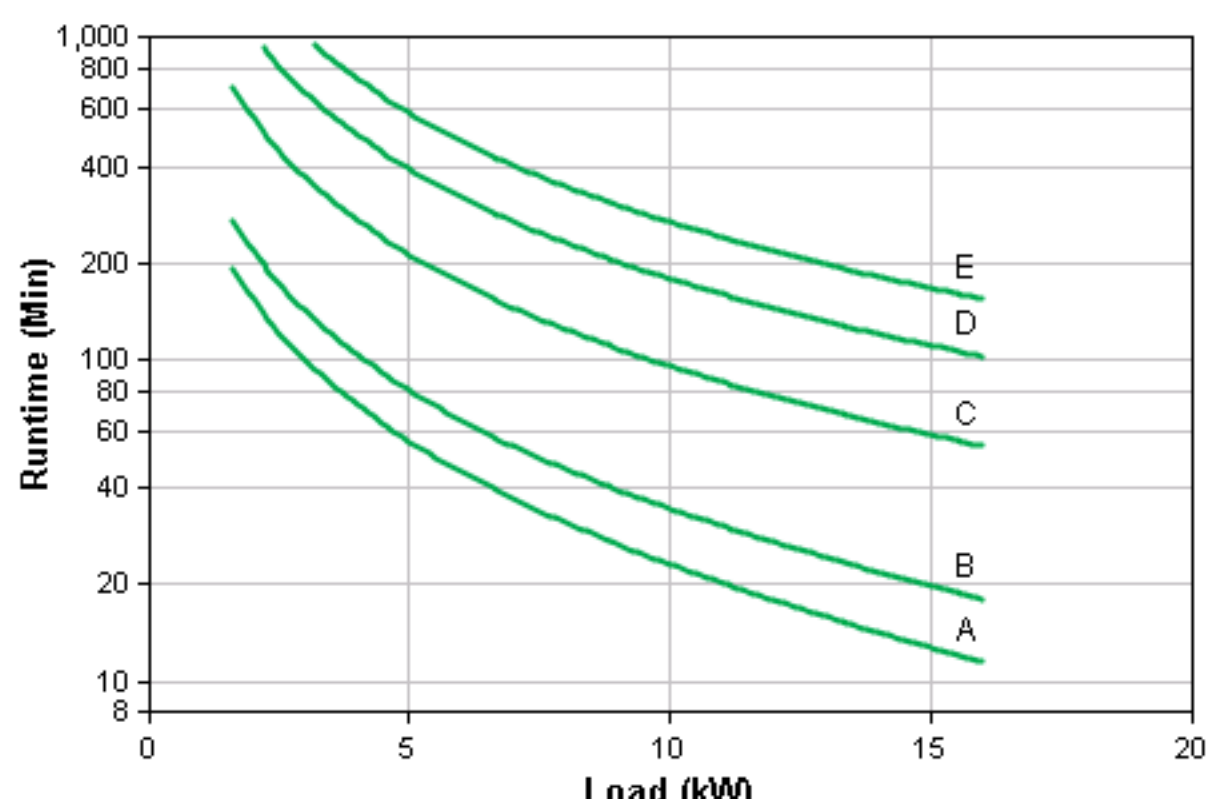
Nominal Input Voltage	208V 3PH
Input Frequency	40 - 70 Hz
Input Connections	Hard Wire 5-wire (3PH + N + G)
Input voltage range for main operations	165 - 240V
Other Input Voltages	220
Maximum Input Current	53A
Input Breaker Capacity	80.0 A

Batteries & Runtime

Battery Type	VRLA
Included Battery Modules	3
Available Battery Slots	1
Typical recharge time	5 hour(s)
Replacement Battery	SYBT4
RBC™ Quantity	1

Runtime Graph

Curve	Part Number(s)
A	SUVT20KF3B4S
B	SUVT20KF3B4S + (1)SYBT4
C	SUVT20KF3B4S + (1)SUVTBXR6B6S
D	SUVT20KF3B4S + (2)SUVTBXR6B6S
E	SUVT20KF3B4S + (3)SUVTBXR6B6S



Hover over the line on the graph above to view the runtime at any desired load

Curve fit to measured runtime data. All measurements taken with new, fully charged batteries, at typical environmental conditions, with no electrical input and balanced resistive load (PF = 1.0)

[View Enlarged Graph](#)[View Runtime Chart](#)

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	1499.00 mm
Maximum Width	523.00 mm
Maximum Depth	925.00 mm
Net Weight	536.82 KG
Shipping Weight	567.74 KG
Shipping Height	1643.00 mm
Shipping Width	650.00 mm
Shipping Depth	1062.00 mm
Color	Black
Units per Pallet	1.00

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	55.00 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