

APC Smart-UPS VT 40kVA 400V w/4 Batt. Modules, Start-Up 5X8, Internal Maintenance Bypass
Part Number: SUVT40KH4B4S



Output

Output Power Capacity	32 kW / 40 kVA
Max Configurable Power	32 kW / 40 kVA
Nominal Output Voltage	230V,400V 3PH
Output Voltage Note	Configurable for 380 : 400 or 415 V 3 Phase nominal output voltage
Efficiency at Full Load	96.00%
Output Voltage Distortion	Less than 5% at full load
Output Frequency (sync to mains)	47 - 53 Hz for 50 Hz nominal
Crest Factor	Unlimited
Waveform Type	Sine wave
Output Connections	(1) Hard Wire 4-wire (3PH + G) (1) Hard Wire 5-wire (3PH + N + G) (1) Screw Terminals

Input

Bypass	Built-in Maintenance Bypass,Built-in Static Bypass
Nominal Input Voltage	400V 3PH
Input Frequency	47 - 70 Hz (auto sensing)
Input Connections	Hard Wire 5-wire (3PH + N + G)
Input voltage range for	304 - 477V

main operations	
Other Input Voltages	380,415
Maximum Input Current	55A
Input Breaker Capacity	80A

Batteries & Runtime

Battery Type	VRLA
Included Battery Modules	4
Typical recharge time	5 hour(s)
RBC™ Quantity	4
Typical Backup Time at Half Load	18.4 minutes (16000 Watts)
Typical Backup Time at Full Load	5.5 minutes (32000 Watts)
Runtime Chart	Smart-UPS VT
Extended Run Options	APC Smart-UPS VT 40kVA 400V w/4 Batt. Modules, 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 prioritized by severity
Emergency Power Off (EPO)	Yes

Physical

Maximum Height	1499.00 mm
Maximum Width	559.00 mm
Maximum depth	813.00 mm
Net Weight	629.09 KG
Shipping Weight	660.00 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 dBA
Online Thermal Dissipation	5459.00 BTU/hr
Protection Class	IP 20

Conformance

Regulatory Approvals	C-tick,CE,EN 50091-2,EN/IEC 62040-3,IEC 61000-3-2,IEC 61000-3-3,ISO 14001,ISO 9001,VFI-SS-112
Standard Warranty	1 year repair or replace,Start-Up Service
Protection Class	IP 20

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