SUVTP40KHS

APC Smart-UPS VT 40kVA 400V, w/Start-Up 5X8, Internal Maintenance Bypass, & Parallel Capability

Green Premium™

Commercial status

Discontinued on: 14 January 2021

To be end-of-service on: 31 December 2030

⚠ To be discontinued

Overview

Presentation	UPS is supplied without batteries. 3rd party battery system must be purchased separately.
Lead time	Usually Ships within 2 Weeks

General

Provided equipment	CD with software Network management card Power modules ship installed User manual Bolt down brackets Installation guide Start up included
Performance multiplier	1
Number of tare power	360 W
Number of power module free slots	0
Number of power module filled slots	0
Redundant	Yes
Size UPS version	Internetworking Server Telecom
UPS size	L
Value multiplier	1

Physical

Colour	Black
Depth	81.3 cm
Height	82.3 cm
Mounting location	Front
Mounting preference	No preference

Feb 15, 2021

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Net weight	182.5 kg
Mounting mode	Not rack-mountable
Two post mountable	0
USB compatible	No
Width	52.3 cm

Input

Network frequency	47...70 Hz auto-sensing
Number of input connectors	1 hard wire 5-wire (3P + N + E)
Input voltage limits	304...477 V
Inputvolt_other	380 V 415 V
Maximum input current	55 A
Switching current capacity	80 A
Input voltage	400 V 3 phases
Cos phi	0.98

Output

Rated power in W	32000 W
Maximum configurable power in W	32000 W
Harmonic distortion	Less than 5 % at full load
Output frequency	47...53 Hz for 50 Hz nominal sync to mains 50 Hz +/- 0.1 % for 50 Hz nominal unsynchronised
Outputvolt_other	380 V 415 V
Crest factor	3 : 1
UPS type	Double conversion online
Wave type	Sine wave
Connections - terminals	1 screw terminals
Output connector type	Hard wire 4-wire (3P + E) 1 Hard wire 5-wire (3P + N + E) 1
Bypass type	Built-in maintenance bypass Built-in static bypass
Curve equation	Efficiency
Curve fixed loss	0.0092
Curve load maximum	100 %
Curve load minimum	1 %
Curve proportional loss	0.0083
Curve square loss	0.0295
Curve X-axis maximum	100 %
Curve test cond ID	Curve fit to measured efficiency data. All measurements taken in normal operating mode, at typical environmental conditions, with nominal electrical input and balanced PF = 0.8 output.
Curve X-axis minimum	0 %
Curve X-axis title	Load
Curve X-axis units	Percentage
Curve Y-axis maximum	100 %
Curve Y-axis minimum	50 %
Curve Y-axis title	Efficiency
Curve Y-axis units	Percentage
Graph display	0
Maximum output current	64 A
Output voltage	400 V 3 phases
Maximum configurable power in VA	40000 VA
Rated power in VA	40000 VA

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Conformance

Product certifications	C-Tick CE RCM
Standards	EN 50091-2 EN/IEC 62040-3 IEC 61000-3-2 IEC 61000-3-3 ISO 14001 ISO 9001 VFI-SS-111

Environmental

Ambient air temperature for operation	0…40 °C
Relative humidity	0…95 %
Operating altitude	0...3333 ft
Ambient air temperature for storage	-50…40 °C
Storage Relative Humidity	0…95 %
Storage altitude	0.00…15240.00 m
Acoustic level	55 dBA
Heat dissipation	5459 Btu/h
Show note OP temperature	No
IP degree of protection	IP20

Batteries & Runtime

Battery type	External battery system
Number of battery filled slots	0
Number of battery free slots	0
Additional information	Configurable for 380 : 400 or 415 V 3 Phase nominal output voltage
Battery curve	B
Battery power in VAH	0 VAh runtime
Battery option	SUVTXR6B6S 1 14848 VAh SUVTXR6B6S 2 30061 VAh SUVTXR6B6S 3 44196 VAh SUVTXR6B6S 4 58795 VAh SUVTXR6B6S
Extended runtime	1

Communications & Management

Free slots	0
Preinstalled device	Network management card 2 with environmental monitoring
Control panel	Multifunction LCD status and control console
Alarm	Audible and visible alarms prioritized by severity
Emergency power off	Yes

Packing Units

Package 1 Weight	221.5 kg
Package 1 Height	129 cm
Package 1 width	72 cm
Package 1 Length	111 cm
Number of Units in Package 3	1

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information

Contractual warranty

Warranty	1 year repair or replace, Start-Up Service

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