SUVTP30KH4B4S
APC Smart-UPS VT 30kVA 400V w/4 Batt. Mod., Start-Up 5X8, Internal Maint 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

Lead time	Usually Ships within 2 Weeks

General

Provided equipment	Battery modules ship installed 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	84.2 cm
Height	149 cm
Mounting location	Front
Mounting preference	No preference

Net weight	629.09 kg
Mounting mode	Not rack-mountable
Two post mountable	0
USB compatible	No
Width	52.3 cm

Input

Network frequency	40...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	41 A
Switching current capacity	63 A
Input voltage	400 V 3 phases
Cos phi	0.98

Output

Rated power in W	24000 W
Maximum configurable power in W	24000 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	0.01
Curve load maximum	100 %
Curve load minimum	2 %
Curve proportional loss	0.0176
Curve square loss	0.0134
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	1
Maximum output current	48 A
Output voltage	400 V 3 phases
Maximum configurable power in VA	30000 VA
Rated power in VA	30000 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	3685 Btu/h
Show note OP temperature	No
IP degree of protection	IP20

Batteries & Runtime

Battery type	VRLA
Number of battery filled slots	4
Number of battery free slots	0
Battery recharge time	5 h
Number of battery replacement quantity	4
Additional information	Configurable for 380 : 400 or 415 V 3 Phase nominal output voltage
Liquid value	0
Battery voltage	+/- 192 V (split battery referenced to neutral)
Discharge battery voltage	+/- 154 V
Battery curve	B
Battery charger power	1965 W rated
Battery power in VAH	9843 VAh runtime
Battery life	3…5 year(s)
Battery option	SUVTXR2B6S 1 14846 VAh SUVTXR6B6S 1 24636 VAh SUVTXR6B6S 2 39329 VAh SUVTXR6B6S 3 54382 VAh SUVTXR6B6S 4 69213 VAh
Battery graph comments	Estimated runtimes based on battery vendor data, at typical environmental conditions, with no electrical input and balanced PF = 0.8 output.
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	660 kg
Package 1 Height	164.3 cm
Package 1 width	65 cm
Package 1 Length	106.2 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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