Product data sheet
Characteristics

SUVTR30KH4B5S
APC Smart-UPS VT rack mounted 30kVA 400V w/4 batt mod. exp. to 5, w/PDU & startup

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	CD with software Network management card Power modules ship installed Smart UPS signalling RS-232 cable User manual 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	1
Redundant	No
Size UPS version	Internetworking Server Telecom
UPS size	L
Value multiplier	1

Physical

Colour	Black
Depth	107.5 cm
Height	199.5 cm
Mounting location	Front
Mounting preference	No preference
Net weight	657 kg
Mounting mode	Rack-mounted
Two post mountable	0
USB compatible	No
Width	60 cm

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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
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	Unlimited
UPS type	Double conversion online
Wave type	Sine wave
Output connector type	Hard wire 5-wire (3P + N + E) 1
Nb of power socket outlets	12 IEC 60320 C19
Output overload operation	60 seconds at 125% and 30 seconds at 150%
Bypass type	Built-in maintenance bypass Built-in static bypass
Curve equation	Efficiency
Curve load maximum	100 %
Curve X-axis maximum	100 %
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
Efficiency	96.4 % (full load)
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

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

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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	67 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	1
Battery recharge time	3 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 curve	B
Battery charger power	3270 W rated
Battery power in VAH	9843 VAh runtime
Battery life	3…5 year(s)
Battery option	SYBT4 1 12373 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	0

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 : configurable delays
Emergency power off	Yes

Packing Units

Package 1 Weight	782.27 kg
Package 1 Height	209.5 cm
Package 1 width	75.6 cm
Package 1 Length	120.6 cm

Offer Sustainability

EU RoHS Directive	Under investigation

Contractual warranty

Warranty	1 year repair or replace, Start-Up Service