

Product data sheet

Specifications



APC Smart-UPS VT rack mounted 30kVA 400V w/3 batt mod. exp. to 5, w/PDU & startup

SUVTR30KH3B5S

- Discontinued on:** 05 July 2021
- End-of-service on:** 18 October 2023

Discontinued

Overview

Lead time Usually Ships within 2 Weeks

Main

Main Input Voltage	400 V 3 phases
Main Output Voltage	400 V 3 phases
Other Output Voltage	380 V 415 V
Rated power in W	24000 W
Rated power in VA	30000 VA
Output connection type	12 IEC 60320 C19
Output connector type	Hard wire 5-wire (3P + N + E) 1
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

Batteries & Runtime

Battery type	VRLA
Number of battery filled slots	3
Number of battery free slots	2
Battery recharge time	3 h
Number of battery replacement quantity	3
Battery charger power	2483 W rated
Battery life	3...5 year(s)
Replacement battery	SYBT4
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

General

UPS type	Double conversion online
Number of power module free slots	0
Number of power module filled slots	1
Redundant	No

Physical

Colour	Black
Height	199.5 cm
Width	60 cm
Depth	107.5 cm
Net weight	565 kg
Mounting location	Front
Mounting preference	No preference
Mounting mode	Rack-mounted
Two post mountable	0
USB compatible	No

Input

Network frequency	40...70 Hz
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 Power Factor at Full Load	0.98

Output

Maximum configurable power in VA	30000 VA
Maximum configurable power in W	24000 W
Output frequency	47...53 Hz for 50 Hz nominal sync to mains 50 Hz +/- 0.1 % for 50 Hz nominal unsynchronised
Wave type	Sine wave
Output overload operation	60 seconds at 125% and 30 seconds at 150%
Efficiency	96.4 % (full load)
Harmonic distortion	Less than 5 % at full load
Maximum output current	48 A
Crest factor	Unlimited
Bypass type	Built-in maintenance bypass Built-in static bypass
Additional information	Configurable for 380 : 400 or 415 V 3 Phase nominal output voltage

Conformance

Product certifications	C-Tick CE RCM
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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
IP degree of protection	IP20

Communications & Management

Free slots	0
Preinstalled device	Network management card 2 with environmental monitoring
Emergency power off	Yes

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	209.5 cm
Package 1 Width	120.6 cm
Package 1 Length	75.6 cm
Package 1 Weight	691.36 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
Take-back	Take-back program available

Contractual warranty

Warranty	1 year repair or replace, Start-Up Service
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Recommended replacement(s)

SUVTR30KH3B5S is replaced by:

1x



Galaxy VS UPS 30kW 400V with N+1 power module, for 5 smart modular 9Ah battery strings, Start-up 5x8
GVSUPS30KR0B5HS