Product datasheet

Specifications





APC Smart-UPS VT rack mounted 40kVA 400V w/4 batt mod. exp. to 5, w/PDU & startup

SUVTR40KH4B5S
Discontinued on: Jul 5, 2021

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(!) End-of-service on: Oct 18, 2023

Overview

Lead Time

Usually Ships within 2 Weeks

Main

Main Input Voltage	400 V 3 phases
Other Input Voltage	380 V 415 V
Main Output Voltage	400 V 3 phases
Other Output Voltage	380 V 415 V
Rated Power In W	32000 W
Rated Power In Va	40000 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

Run Time	View Runtime Graph 🖸
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
Battery Charger Power	3303 W rated
Battery Life	35 year(s)
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 Туре	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	657 kg
Mounting Location	Front
Mounting Preference	No preference
Mounting Mode	Rack-mounted
Two Post Mountable	0
Usb Compatible	No

Input

Network Frequency	4070 Hz
Number Of Input Connectors	1 hard wire 5-wire (3P + N + E)
Input Voltage Limits	304477 V
Maximum Input Current	55 A
Switching Current Capacity	80 A
Input Power Factor At Full Load	0.98

Output

Maximum Configurable Power In Va	40000 VA
Maximum Configurable Power In W	32000 W
Output Frequency	4753 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 % (full load)
Harmonic Distortion	Less than 5 % at full load
Maximum Output Current	64 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	

Environmental

Ambient Air Temperature For Operation	040 °C
Relative Humidity	095 %
Operating Altitude	03333 ft
Ambient Air Temperature For Storage	-5040 °C
Storage Relative Humidity	095 %
Storage Altitude	0.0015240.00 m
Acoustic Level	67 dBA
Heat Dissipation	5459 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	782.27 kg

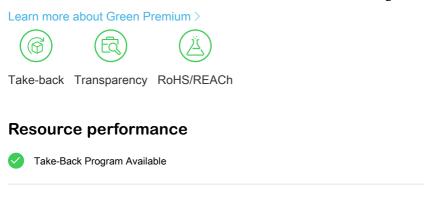
Contractual warranty

Warranty

1 year repair or replace, Start-Up Service

Sustainability Screen Premium

Green PremiumTM label is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.



Well-being performance

Mercury Free

Rohs Exemption Information Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant with Exemptions
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information