

Product data sheet
Characteristics

SUVTR20KG5B5S

APC Smart-UPS VT rack mounted 20kVA 480V in, 208V out w/5 batt mod., 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	0
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	0

Physical

Colour	Black
Depth	107.5 cm
Height	199.5 cm
Mounting location	Front
Mounting preference	No preference
Net weight	1040.91 kg
Mounting mode	Rack-mounted
Two post mountable	0
USB compatible	No
Width	60 cm

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Input

Network frequency	40...70 Hz
Number of input connectors	1 hard wire 4-wire (3P + E)
Input voltage limits	408...552 V 480 V
Switching current capacity	40 A
Input voltage	480 V 3 phases
Cos phi	0.98

Output

Rated power in W	16000 W
Maximum configurable power in W	16000 W
Harmonic distortion	Less than 5 % at full load
Output frequency	57...63 Hz for 60 Hz nominal sync to mains 60 Hz +/- 0.1 % for 60 Hz nominal unsynchronised
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	5 NEMA L21-20
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	93.8 % (full load)
Graph display	0
Maximum output current	61 A
Output voltage	120 V 208 V 208 V 3 phases
Maximum configurable power in VA	20000 VA
Rated power in VA	20000 VA

Conformance

Product certifications	CUL listed UL 1778
Standards	ISO 14001 ISO 9001

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 altitude	0.00...15240.00 m
Acoustic level	58 dBA
Heat dissipation	4238 Btu/h
Show note OP temperature	No
NEMA degree of protection	NEMA 1

Batteries & Runtime

Battery type	VRLA
Number of battery filled slots	5
Number of battery free slots	0
Battery recharge time	3 h
Number of battery replacement quantity	5
Additional information	Configurable for 200 : 208 or 220V 3 Phase nominal output voltage
Liquid value	0
Battery curve	B
Battery charger power	4092 W rated
Battery power in VAH	12318 VAh runtime
Battery life	3...5 year(s)
Battery option	SUVTBXR6B6S 1 26765 VAh SUVTBXR6B6S 2 41505 VAh SUVTBXR6B6S 3 56282 VAh SUVTBXR6B6S 4 71445 VAh
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	1075.91 kg
Package 1 Height	199.5 cm
Package 1 width	60 cm
Package 1 Length	107.5 cm

Offer Sustainability

EU RoHS Directive	Under investigation
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Contractual warranty

Warranty	1 year repair or replace, Start-Up Service
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