ComX Computers
Product Specification Sheet

SRTG20KXLI

APC Smart-UPS On-line 20kVA / 20kW Rack Tower 3 phase Pure Sine Wave UPS

Product Overview

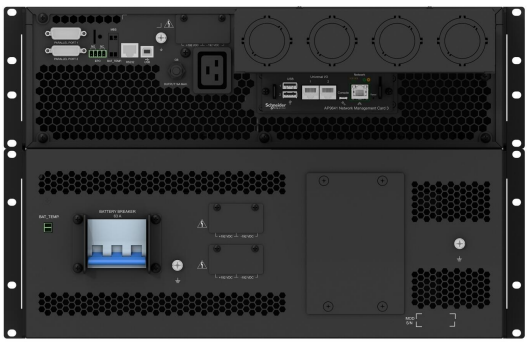
APC SRTG20KXLI Smart-UPS On-line 20kVA / 20kW Rack Tower 3 phase Pure Sine Wave UPS, Network card Rail kit excluded, 400V 3 phases Main Input Voltage, 230V 1 phase Main Input Voltage, Hard wire 5 wire (3p+N+ E) Output connector Type, Hard wire 3-wire (1P+N+E) Output connector Type











Specifications

Overview:

APC Smart-UPS On-Line, 20kVA/20kW, Rack/Tower, 230V/380V.415V, Hard wire 5-wire(3P+N+E)+3-wire(1P+N+E), Network Card, W/O rail kit SRTG20KXLI

- Replacement battery (1) is available
- 20kVA/20kW double-conversion on-line pure sine wave rack/tower UPS
- Ideal for servers, storage, voice/data networks, medical labs, and light industrial applications
- Rack/tower convertible (SRTGRK1 rail kit sold separately)
- Delivers clean power with zero transfer time for critical or sensitive devices
- Add up to 4 external battery packs (SRTG192XLBP2) for extended runtime

Features:

This APC Smart-UPS is designed for IT professionals or network administrators to maintain business uptime and continuity. This 20kVA on-line rack/tower UPS provides pure sine wave power and extended runtime to support critical electronics during power disruptions. It comes with hard wire 3-wire(1P+N+E) and 5-wire(3P+N+E) inputs, 3-wire(1P+N+E) and 5-wire(3P+N+E) outlets. The UPS has an embedded Network Management Card for UPS network-based monitoring and management. The UPS comes with PowerChute Network Shutdown that provides graceful shutdown of physical servers, virtual machines, and HCI clusters. The UPS can connect to EcoStruxure IT or third-party centralized management platforms. The UPS is compatible with SRTGRK1 rail kit sold separately.

Specifications:

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Specifications	
Product Code	SRTG20KXLI
Main	
Run time for load	3min 1s
Min-max: 2000-20000 W	
Max. Capacity Used	100 %
Main Input Voltage	400 V 3 phases
	230 V 1 phase
Product or component type	Uninterruptible power supply (UPS)
Other Input Voltage	380...415 V
	220...240 V
Main Output Voltage	400 V 3 phases
	230 V 1 phase
Other Output Voltage	230 V
Rated power in W	20000 W
Rated power in VA	20000 VA
output connection type	1 IEC 60320 C19

Output connector type	Hard wire 5 wire (3P + N + E) 1
	Hard wire 3-wire (1P + N + E) 1
Number of rack unit	7U
Provided equipment	1 x USB cable
	1 x RJ45 cable
	2 x rack mounting brackets
	2 x stabilization/wall mounting feet
	2 x installation manual
	1 x C13-C14 power cord
	1 x external battery pack
	1 x battery cable
Range of product	Smart-UPS On-Line
Batteries & Runtime	
Battery type	Lead-acid battery
Battery voltage	+/- 192 V
Extended runtime	1
Number of battery filled slots	0
Number of battery free slots	0
Battery recharge time	4 h
Number of battery replacement quantity	2
Battery life	3...5 year(s)
Replacement battery	Yes
	APCRBC172
Battery charger power	2160 W rated
General	
Number of power module filled slots	0
Number of power module free slots	0
Redundant	No
UPS type	Double conversion online
Physical	
Colour	Black (RAL 9005)
Height	30.6 cm
Width	44.0 cm
Depth	83.5 cm
Net weight	142.5 kg

Mounting location	Front
Mounting preference	Lower
Mounting mode	Rack-mounted
Two post mountable	0
USB compatible	Yes
Mounting position	Horizontal
Input	
Maximum input current	87 A
Input harmonic distortion	Less than 5 % for full load
Load power factor	From 0.9 leading to 1 lagging
Switching current capacity	125 A
Input voltage limits	160...285 V full load
	100...285 V half load
Number of input connectors	1 hard wire 5 wire (3P + N + E)
	1 hard wire 3-wire (1P + N + E)
Network frequency	40...70 Hz auto-sensing
Output	
Bypass type	Internal bypass (automatic and manual)
Crest factor	3 : 1
Harmonic distortion	Less than 2 %
Maximum configurable power in VA	20000 VA
Maximum configurable power in W	20000 W
Output overload operation	60 seconds at 125% and 30 seconds at 150%
Wave type	Sine wave
Efficiency	94.5 %
Output frequency	50/60 Hz +/- 4 Hz sync to mains
Additional information	Configurable for 380 : 400 or 415 V 3 Phase nominal output voltage
	Configurable for 220 : 230 or 240 nominal output voltage
Conformance	
Product certifications	CE
	UKCA
	TISI
Standards	EN/IEC 62040-1:2019/A11:2021
	EN/IEC 62040-2:2006/AC:2006
	EN/IEC 62040-2:2018
Environmental	
Acoustic level	58 dBA

Heat dissipation	3821 Btu/h
Operating altitude	0...3000 m
Ambient air temperature for operation	0...40 degreesC
Ambient air temperature for storage	-15...45 degreesC
Storage altitude	0...15000 m
IP degree of protection	IP20
Relative humidity	0...95 % non-condensing
Storage Relative Humidity	0...95 % non-condensing
Communications & Management	
Emergency power off	Yes
Free slots	0
Preinstalled device	Network management card 3 with environmental monitoring
Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
Surge Protection and Filtering	
Surge energy rate	600 J
Noise suppression	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : meets UL 1449
Packing Units	
Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	53.5 cm
Package 1 Width	79.0 cm
Package 1 Length	59.0 cm
Package 1 Weight	157.2 kg

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/SRTG20KXLI-APC-Smart-UPS-On-line-20kVA-20kW-Rack-Tower-3-phase-Pure-Sine-Wave-UPS-p-320640.php

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