Product datasheet

Specifications

APC Smart-UPS RT 8kVA 230V

SRTG8KXLI

Overview

Lead Time	Usually in Stock

Main

Main Input Voltage	230 V
Product Or Component Type	Uninterruptible power supply (UPS)
Other Input Voltage	220 V 240 V
Main Output Voltage	230 V
Other Output Voltage	220 V 240 V
Rated Power In W	8000 W
Rated Power In Va	8000 VA
Output Connection Type	2 IEC 60320 C13 1 IEC 60320 C19
Output Connector Type	Hard wire 3-wire (H N + E) 1
Number Of Rack Unit	5U
Provided Equipment	1 x USB cable 1 x rack mounting brackets 1 x stabilization/wall mounting feet 1 x installation manual 1 x C13-C14 power cord

Batteries & Runtime

Run Time	View Runtime Graph
Efficiency	View Efficiency Graph
Battery Type	Lead-acid battery
Number Of Battery Filled Slots	2
Number Of Battery Free Slots	0
Battery Recharge Time	4 h
Number Of Battery Replacement Quantity	2
Battery Voltage	+/- 96 V
Battery Charger Power	392 W rated
Battery Life	3…5 year(s)
Replacement Battery	APCRBC174

Excluding VAT, FCA Jabal Ali & are subject to change – check with your local distributor.

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

Extended Runtime	1

General

Ups Type	Double conversion online
Number Of Power Module Free Slots	0
Number Of Power Module Filled Slots	0
Redundant	No

Physical

Colour	Black (RAL 9005)
Height	21.7 cm
Width	44 cm
Depth	68 cm
Net Weight	101.5 kg
Mounting Preference	No preference
Mounting Mode	Rack-mounted with kit
Two Post Mountable	0
Usb Compatible	Yes
Mounting Position	Horizontal

Input

Network Frequency	40...70 Hz auto-sensing
Number Of Input Connectors	1 hard wire 3-wire (1P + N + E)
Input Voltage Limits	160...285 V full load
Maximum Input Current	30 A
Switching Current Capacity	40 A

Output

Maximum Configurable Power In Va	8000 VA
Maximum Configurable Power In W	8000 W
Output Frequency	50/60 Hz +/- 4 Hz sync to mains
Wave Type	Sine wave
Efficiency	93.5 %
Harmonic Distortion	Less than 2 %
Crest Factor	3 : 1
Bypass Type	Internal bypass (automatic and manual)
Additional Information	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

Ambient Air Temperature For Operation	0…40 °C
Relative Humidity	0…95 % non-condensing
Operating Altitude	0...3000 m
Ambient Air Temperature For Storage	-15…45 °C
Storage Relative Humidity	0…95 % non-condensing
Storage Altitude	0…15000 m
Acoustic Level	55 dBA
Heat Dissipation	1774 Btu/h
Ip Degree Of Protection	IP20

Communications & Management

Preinstalled Device	Network management card 3 with environmental monitoring
Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
Emergency Power Off	Yes

Surge Protection and Filtering

Surge Energy Rate	600 J

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	68.5 cm
Package 1 Width	59.4 cm
Package 1 Length	79.4 cm
Package 1 Weight	124.5 kg

Contractual warranty

Warranty	3 years repair or replace (excluding battery) and 2 years for battery

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

Transparency RoHS/REACh

Well-being performance

Rohs Exemption Information	Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	End of Life Information