Product data sheet

Specifications

APC Smart-UPS RT 20kVA, 230V, no battery, LCD

SURT20KUXICH

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	16000 W
Rated Power In Va	20000 VA
Output Connector Type	Hard wire 3-wire (H N + E) 1 Hard wire 5-wire (3P + N + E) 1
Number Of Rack Unit	6U
Provided Equipment	CD with software Service manual Smart UPS signalling RS-232 cable User manual Web/SNMP management card

Batteries & Runtime

Run Time	View Runtime Graph
Battery Type	External battery system
Number Of Battery Free Slots	0
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

Height	26.3 cm
Width	43.2 cm
Depth	77.3 cm
Net Weight	68 kg
Mounting Location	Front
Mounting Preference	Lower
Mounting Mode	Not rack-mountable
Two Post Mountable	0
Usb Compatible	No

Input

Network Frequency	40...70 Hz auto-sensing
Number Of Input Connectors	1 hard wire 3-wire (1P + N + E) 1 hard wire 5-wire (3P + N + E)
Input Voltage Limits	160...280 V
Maximum Input Current	115 A
Switching Current Capacity	125 A
Input Current	115 A (1 phase) 38.3 A per phase (3 phases)
Load Power Factor	0.8
Input Power Factor At Full Load	0.98

Output

Maximum Configurable Power In Va	20000 VA
Maximum Configurable Power In W	16000 W
Output Frequency	50/60 Hz +/- 3 Hz user adjustable +/- 0.1 Hz sync to mains
Wave Type	Sine wave
Efficiency	94 % (full load) 94.6 % (half load)
Harmonic Distortion	Less than 5 %
Crest Factor	3 : 1
Bypass Type	Built-in static bypass Internal bypass (automatic and manual) Optional external bypass
Additional Information	Configurable for 220 : 230 or 240 nominal output voltage

Environmental

Ambient Air Temperature For Operation	0…40 °C
Relative Humidity	0…95 % non-condensing
Operating Altitude	0...10000 ft
Ambient Air Temperature For Storage	-15…45 °C
Storage Relative Humidity	0…95 % non-condensing
Storage Altitude	0.00…15240.00 m

Acoustic Level	59 dBA
Heat Dissipation	3487 Btu/h
Ip Degree Of Protection	IP20

Communications & Management

Free Slots	0
Preinstalled Device	Network management card 2 with environmental monitoring - Schneider
Alarm	Audible and visible alarms : prioritized by severity
Emergency Power Off	Yes

Surge Protection and Filtering

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	62.2 cm
Package 1 Width	100.3 cm
Package 1 Length	61 cm
Package 1 Weight	90.5 kg

Contractual warranty

Warranty	2 years repair or replace

Sustainability

Green Premium^{TM} 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 >

Energy Efficient   Take-back   Transparency   RoHS/REACh

Resource performance

✓ Energy Efficient Product

✓ Take-Back Program Available

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