

Product datasheet

Specifications



APC Smart-UPS RT 20kVA, 230V,
no battery, LCD, 4x IEC 60320
C13 & 4x IEC Jumpers & 4x IEC
60320 C19 outlets

SURT20KUXI-IN

⚠ Discontinued - Service only

⚠ Discontinued on: 3 Jun 2025

⚠ End-of-service on: 3 Jun 2025

Overview

Lead time	Usually in Stock
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Main

Main Input Voltage	230 V
Product or component type	Uninterruptible power supply (UPS)
Other Input Voltage	220 V 240 V 400 V 415 V
Main Output Voltage	230 V
Other Output Voltage	220 V 240 V 400 V 415 V
Rated power in W	16000 W
rated power in VA	20000 VA
output connection type	4 IEC 60320 C13 4 IEC Jumpers 4 IEC 60320 C19
Output connector type	Hard wire 3-wire (H N + E) 1
Number of rack unit	6U
Provided equipment	CD with software Smart UPS signalling RS-232 cable User manual Web/SNMP management card
Range of product	Smart-UPS On-Line

Batteries & Runtime

Run Time	View Runtime Graph
Battery type	External battery system
Extended runtime	0
Number of battery filled slots	0
Number of battery free slots	0

General

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

Number of power module filled slots	0
Number of power module free slots	0
Redundant	No
UPS type	Double conversion online

Physical

Height	26.3 cm
Width	43.2 cm
Depth	77.3 cm
Net weight	68 kg
Mounting location	Front
Mounting preference	No preference
Mounting mode	Not rack-mountable
Two post mountable	0
USB compatible	No

Input

Maximum input current	115 A
Input Power Factor at Full Load	0.98
Switching current capacity	125 A
Input voltage limits	160...280 V
Input current	115 A (1 phase) 38.3 A per phase (3 phases)
Number of input connectors	1 hard wire 3-wire (3P + E) 1 hard wire 5-wire (3P + N + E)
Network frequency	40...70 Hz auto-sensing

Output

Bypass type	Built-in static bypass Internal bypass (automatic and manual)
Crest factor	3 : 1
Harmonic distortion	Less than 3 %
Maximum configurable power in VA	20000 VA
Maximum configurable power in W	16000 W
Efficiency	94 % (full load)
Output frequency	50/60 Hz +/- 3 Hz user adjustable +/- 0.1 Hz sync to mains
Additional information	Configurable for 400 or 415 V 3 Phase nominal output voltage

Environmental

Acoustic level	59 dBA
Heat dissipation	2216 Btu/h
Operating altitude	0...10000 ft
Ambient air temperature for operation	0...40 °C

Ambient air temperature for storage	-15...45 °C
Storage altitude	0...15240 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
Preinstalled device	Network management card 2 with environmental monitoring
Alarm	Audible and visible alarms : prioritized by severity

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
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Environmental Data


Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.


[Environmental Data explained >](#)

[How we assess product sustainability >](#)


 Environmental footprint	
Environmental Disclosure	Product Environmental Profile

Use Better

 Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Compliant with Exemptions
REACH Regulation	REACH Declaration

 Energy efficiency	
Energy Efficiency Optimized	Energy efficient product

Use Again

 Repack and remanufacture	
End of life manual availability	End of Life Information
Removable battery	User replaceable
Take-back	Yes