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

Overview

Lead time



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

SURT20KUXI-IN

Usually in Stock

CD with software

Smart-UPS On-Line

Smart UPS signalling RS-232 cable Web/SNMP management card

! To be discontinued on: 15-Aug-2025

! To be discontinued

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	

Batteries & Runtime

Provided equipment

Range of product

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

Number of power module filled

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

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Maximum input current	115 A	
Input Power Factor at Full Load	0.98	
Switching current capacity	125 A	
Input voltage limits	160280 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	4070 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	010000 ft
Ambient air temperature for operation	040 °C
Ambient air temperature for storage	-1545 °C

Storage altitude	0.000000000015240.0000000000 m	
IP degree of protection	IP20	
Relative humidity	095 % non-condensing	
Storage Relative Humidity	095 % 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



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

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Compliant with Exemptions
REACh Regulation	REACh Declaration
[⋯] Energy efficiency	
Optimized Energy Efficiency	Energy efficient product

Use Again

○ Repack and remanufacture	
Circularity Profile	End of Life Information
Removable battery	User replaceable
Take-back	Yes