

Product data sheet

Specifications



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

SURT20KUXI-IN

Overview

Lead time	Usually in Stock
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Main

Main Input Voltage	230 V
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
Nb of power socket outlets	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
Battery type	External battery system
Provided equipment	CD with software Smart UPS signalling RS-232 cable User manual Web/SNMP management card

General

Number of power module free slots	0
Number of power module filled slots	0
Redundant	No

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

Network frequency	40...70 Hz auto-sensing
Number of input connectors	1 hard wire 3-wire (3P + 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)
Input Power Factor at Full Load	0.98

Output

Maximum configurable power in W	16000 W
Harmonic distortion	Less than 3 %
Output frequency	50/60 Hz +/- 3 Hz user adjustable +/- 0.1 Hz sync to mains
Crest factor	3 : 1
UPS type	Double conversion online
Bypass type	Built-in static bypass Internal bypass (automatic and manual)
Efficiency	94 % (full load)
Maximum configurable power in VA	20000 VA

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	2216 Btu/h
IP degree of protection	IP20

Batteries & Runtime

Number of battery filled slots	0
Number of battery free slots	0

Additional information	Configurable for 400 or 415 V 3 Phase nominal output voltage
Battery power in VAH	0 VAh runtime
Extended runtime	0

Communications & Management

Preinstalled device	Network management card 2 with environmental monitoring
Control panel	Multifunction LCD status and control console
Alarm	Audible and visible alarms prioritized by severity
Emergency power off	Yes

Packing Units

Package 1 Weight	90.5 kg
Package 1 Height	62.2 cm
Package 1 width	61 cm
Package 1 Length	100.3 cm

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
Optimized Energy Efficiency	Energy efficient product
Take-back	Take-back program available

Contractual warranty

Warranty	2 years repair or replace
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