Product data sheet

Specifications



APC Smart-UPS RT 15kVA, 230/400V, LCD, rackmount, 12U, 2x IEC Jumpers & 8x IEC 60320 C19 outlets

SURT15KRMXLI

Overview

Presentation	High density, double-conversion on-line power protection with scalable runtime.
Lead time	Usually in Stock

Main

Main Input Voltage	230 V 400 V 3 phases
Other Input Voltage	220 V 240 V
Main Output Voltage	230 V
Other Output Voltage	220 V 240 V
Rated power in W	12000 W
Rated power in VA	15000 VA
Output connection type	2 IEC Jumpers 8 IEC 60320 C19
Output connector type	Hard wire 3-wire (H N + E) 1 Hard wire 5-wire (3P + N + E) 1
Number of rack unit	12U
Battery type	Lead-acid battery
Provided equipment	CD with software Rack mounting support rails 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

Colour	Black
Height	53.3 cm
Width	43.2 cm

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

Depth	77.3 cm
Net weight	247.73 kg
Mounting location	Front
Mounting preference	Lower
Mounting mode	Rack-mounted
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	90 A
Switching current capacity	100 A
Input harmonic distortion	Less than 5 % for full load
Input current	90 A (1 phase) 30 A per phase (3 phases)
Load power factor	0.8
Input Power Factor at Full Load	0.95

Output

Maximum configurable power in W	12000 W
Harmonic distortion	Less than 5 %
Output frequency	50/60 Hz +/- 3 Hz user adjustable +/- 0.1 Hz sync to mains
Crest factor	3 : 1
UPS type	Double conversion online
Wave type	Sine wave
Output overload operation	60 seconds at 125% and 30 seconds at 150%
Bypass type	Built-in static bypass Internal bypass (automatic and manual) Optional external bypass
Efficiency	93 % (in battery operation)
Maximum configurable power in VA	15000 VA

Conformance

Product certifications	VDE
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...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	50 dBA
Heat dissipation	2800 Btu/h
IP degree of protection	IP20

Batteries & Runtime

Number of battery filled slots	4
Number of battery free slots	0
Battery recharge time	2.5 h
Number of battery replacement quantity	4
Additional information	Configurable for 380 : 400 or 415 V 3 Phase nominal output voltage
Battery voltage	+/- 192 V (split battery referenced to neutral)
Battery charger power	1530 W rated
Battery power in VAH	3840 VAh runtime
Battery life	3…5 year(s)
Replacement battery	APCRBC140 SRT192BP2US SRT192RMBPUS SURT10000XLIX710 SURT192XLBP-IN
Battery option	SURT192RMXLBP2 1 7680 VAh SURT192RMXLBP2 2 11520 VAh SURT192RMXLBP2 3 15360 VAh SURT192RMXLBP2 4 19200 VAh SURT192RMXLBP2 5 23040 VAh SURT192RMXLBP2 6 26880 VAh SURT192RMXLBP2 7 30720 VAh SURT192RMXLBP2 9 38400 VAh
Extended runtime	1

Communications & Management

Free slots	0
Preinstalled device	Network management card 2 with environmental monitoring
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	99 cm
Package 1 Width	61 cm
Package 1 Length	100.3 cm

Package 1 Weight	314.09 kg
Unit Type of Package 2	PAL
Number of Units in Package 2	2
Package 2 Height	112 cm
Package 2 Width	100 cm
Package 2 Length	120 cm
Package 2 Weight	626.864 kg

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
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Optimized Energy Efficiency	Energy efficient product
Take-back	Take-back program available

Contractual warranty

Warranty	2 years repair or replace

Recommended replacement(s)