Product data sheet

Specifications

APC

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	220 V AC 1 phase 230 V AC 1 phase 240 V AC 1 phase 380 V AC 3 phases 400 V AC 3 phases 415 V AC 3 phases
Input voltage	220 V 240 V
Maximum input current	90 A
Input harmonic distortion	Less than 5 % for full load
Load power factor	0.8
Cos phi	0.95
Switching current capacity	100 A
Input voltage limits	160...280 V
Input current	90 A (1 phase) 30 A per phase (3 phases)
Number of input connectors	1 hard wire 3-wire (1P + N + E) 1 hard wire 5-wire (3P + N + E)
Network frequency	40...70 Hz auto-sensing
Output voltage	220 V AC 1 phase 230 V 1 phase 240 V 1 phase 380 V 3 phases 400 V 3 phases 415 V 3 phases
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) for 1 zone(s) Hard wire 5-wire (3P + N + E) for 1 zone(s)
Bypass type	Built-in static bypass Internal bypass (automatic and manual) Optional external bypass

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Crest factor	3 : 1
Harmonic distortion	Less than 5 %
Maximum configurable power in VA	15000 VA
Maximum configurable power in W	12000 W
Output overload operation	60 seconds at 125% and 30 seconds at 150%
UPS type	On-Line
Wave type	Sine wave
Efficiency	93 % in battery operation)
Output frequency	50/60 Hz +/- 3 Hz user adjustable +/- 0.1 Hz sync to mains

Complementary

Additional information	Configurable for 380 : 400 or 415 V 3 Phase nominal output voltage
Battery type	Lead-acid internal included
Emergency power off	Yes
Free slots	0
Preinstalled device	Network management card 2 with environmental monitoring
UPS connectivity	Serial port Pre-installed network management card 3
Noise suppression	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : meets UL 1449
Number of rack unit	12U
Colour	Black
Height	21.0 in (533 mm)
Width	17.008 in (432 mm)
Depth	30.4 in (773 mm)
Net weight	546.15 lb(US) (247.73 kg)
Mounting location	Front
Mounting preference	Lower
Mounting mode	Rack-mounted
Two post mountable	0
USB compatible	No
Mounting mode	Rack-mounted with included kit
Provided equipment	CD with software Rack mounting support rails Smart UPS signalling RS-232 cable User manual Web/SNMP management card
Number of power module filled slots	0
Number of power module free slots	0
Redundant	No
Range of product	Smart-UPS On-Line
Product or component type	Uninterruptible power supply (UPS)

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Environment

Product certifications	VDE
Standards	EN/IEC 62040-1:2019/A11:2021 EN/IEC 62040-2:2006/AC:2006 EN/IEC 62040-2:2018
Ambient air temperature for operation	32…104 °F (0…40 °C)
Ambient air temperature for storage	5…113 °F (-15…45 °C)
Storage altitude	0…50000 ft (0…15240 m)
IP degree of protection	IP20
Relative humidity	0…95 % non-condensing
Storage Relative Humidity	0…95 % non-condensing
Acoustic level	50 dBA
Heat dissipation	2800 Btu/h
Operating altitude	0...10000 ft

Batteries & Runtime

Run Time	View Runtime Graph
Efficiency	View Efficiency Graph
Battery type	Lead-acid battery
Battery voltage	+/- 192 V (split battery referenced to neutral)
Extended runtime	1
Number of battery filled slots	4
Number of battery free slots	0
Battery recharge time	2.5 h
Number of battery replacement quantity	4
Battery life	3…5 year(s)
Replacement battery	APCRBC140
Battery charger power	1530 W rated

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	39.0 in (99 cm)
Package 1 Width	24.02 in (61 cm)
Package 1 Length	39.5 in (100.3 cm)
Package 1 Weight	692.45 lb(US) (314.09 kg)
Unit Type of Package 2	PAL
Number of Units in Package 2	2
Package 2 Height	44.09 in (112 cm)
Package 2 Width	39.4 in (100 cm)
Package 2 Length	47.2 in (120 cm)

Package 2 Weight	1382.000 lb(US) (626.864 kg)

Contractual warranty

Warranty (in months)	24

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

Total lifecycle Carbon footprint	**20 931 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**3 803 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**42 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**17 049 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**37 kg CO2 eq.**
Environmental Disclosure	**Product Environmental Profile**

Use Better

Materials and Substances

Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**No**
SCIP Number	**409c68a1-39a6-4e5f-b080-12befe783ad8**
EU RoHS Directive	**Compliant By Exemption**
REACh Regulation	**Reference contains Substances of Very High Concern above the threshold**

Use Longer

Lifetime extension

Repair	**No**

Use Again

Repack and remanufacture

Recyclability potential, in %	**65**
Circularity Profile	**End of Life Information**
Removable battery	**User replaceable**
Take-back	**Yes**
WEEE Label	**The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins**

Image of product / Alternate images

Alternative