Product datasheet

Specifications



APC Smart-UPS SRT 8000VA RM 230V

SRT8KRMXLI

Overview

Presentation	High density, double-conversion on-line power protection with scalable runtime.

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
Other input voltage	220 V 240 V 380 V 415 V
Efficiency at full load	100...275 V adjustable (half load) 173...476 V adjustable (half load)
Input connection	1 hard wire 3-wire (1P + N + E) 1 hard wire 5-wire (3P + N + E)
Input frequency	40...70 Hz auto-sensing
Output voltage	220 V 1 phase 230 V 1 phase 240 V 1 phase
Other output voltage	220 V 240 V
Rated power in W	8000 W
Rated power in VA	8000 VA
Output connection	6 IEC 60320 3 IEC Jumpers 4 IEC 60320
Output connection	Hard wire 3-wire (H N + E) for 1 zone(s)
Bypass type	Internal bypass (automatic and manual)
Crest factor	3 : 1
Harmonic distortion	Less than 2 %
Maximum configurable power in VA	8000 VA
Maximum configurable power in W	8000 W
UPS topology	On-Line
Waveform type	Sine wave
Output frequency	50/60 Hz +/- 3 Hz sync to mains
Replacement battery	APCRBC140

Excluding VAT, FCA Jabal Ali & are subject to change – check with your local distributor.

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

Graphs

Run Time	View Runtime Graph
Efficiency	View Efficiency Graph

Complementary

Battery type	Lead-acid internal included
Emergency power off	Yes
Free slot	1
Preinstalled device	Network management card 3 with environmental monitoring
Alarm	Audible and visible alarms : prioritized by severity
UPS connectivity	Serial port USB port Embedded network management card 3 Available expansion slot
Surge energy rating	480 J
Number of rack unit	6U
Color	Black
Height	263 mm
Width	432 mm
Depth	715 mm
Product weight	111.82 kg
Mounting location	Front
Mounting preference	No preference
Mounting mode	Rack-mounted
Two post mountable	0
USB compatible	Yes
Mounting mode	Rack-mounted with included kit
Provided equipment	CD with software Documentation CD Installation guide Rack mounting hardware Rack mounting brackets Rack mounting support rails Temperature probe USB cable Warranty card Web/SNMP management card
Number of power module filled slots	0
Number of power module free slots	0
Additional specification	High density
Redundant	No
Range of product	Smart-UPS On-Line
Product or component type	Uninterruptible power supply (UPS)

Environment

Product certification	CE EAC IRAM RCM VDE
Marking	CE Mark
Standard	EN/IEC 62040-1:2019/A11:2021 EN/IEC 62040-2:2006/AC:2006 EN/IEC 62040-2:2018
Ambient air temperature for operation	0…40 °C
Ambient air temperature for storage	-15…45 °C
Storage altitude	0…15240 m
IP protection	IP20
Relative humidity	0…95 % non-condensing
Storage relative humidity	0…95 % non-condensing
Acoustic level	55 dBA
Heat dissipation	1497 Btu/h
Operating altitude	0...10000 ft

Batteries & Runtime

Battery type	Lead-acid battery
Battery voltage	+/- 192 V (split battery referenced to neutral)
Extendable runtime	1
Included battery module	0
Typical recharge time	1.5 h
RBC quantity	2
Battery life	3…5 year(s)
Battery charging power	876 W rated

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	46.1 cm
Package 1 Width	60 cm
Package 1 Length	100 cm
Package 1 Weight	130 kg

Contractual warranty

Warranty (in months)	24 Battery|36 UPS

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	**17 666 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**1 637 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**18 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**15 996 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**16 kg CO2 eq.**
Environmental Disclosure	**Product Environmental Profile**

Use Better

Materials and Substances

Average percentage of recycled plastic content	**15 %**
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**
Removable battery	**User replaceable**
Take-back	**No**
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








APC
APC


APC


Output 230.0 V
Online


Output
50.0
Online
ESC
OK


Input
230.0
Online
ESC
OK


Run
Time
10m 02s
Online
ESC
OK






Load
2695
Online