Product datasheet

Specifications



APC Smart-UPS SRT 5000VA RM 208/230V HW

SRT5KRMXLW-HW

Overview

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

Main

Main input voltage	208 V AC 1 phase 230 V AC 1 phase
Other input voltage	220 V 240 V
Efficiency at full load	100...275 V adjustable (half load)
Input connection	1 hard wire 3-wire (2P + E) 1 hard wire 3-wire (1P + N + E)
Input frequency	40...70 Hz auto-sensing
Output voltage	208 V 1 phase 230 V 1 phase
Other output voltage	220 V 240 V
Rated power in W	4500 W
Rated power in VA	5000 VA
Output connection	Hard wire 3-wire (H N + E) for 1 zone(s) Hard wire 3-wire (2P + 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	5000 VA
Maximum configurable power in W	4500 W
UPS topology	On-Line
Waveform type	Sine wave
Output frequency	50/60 Hz +/- 3 Hz sync to mains
Replacement battery	APCRBC140

Graphs

Run Time	View Runtime Graph
Efficiency	View Efficiency Graph

Complementary

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

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 Pre-installed network management card 3
Surge energy rating	480 J
Number of rack unit	3U
Color	Black
Height	130 mm
Width	432 mm
Depth	719 mm
Product weight	55.79 kg
Mounting location	Front
Mounting preference	Lower
Mounting mode	Rack-mounted
Two post mountable	0
USB compatible	Yes
Mounting position	Horizontal
Mounting mode	Rack-mounted with kit sold separately
Provided equipment	CD with software Documentation CD Installation guide Rack mounting hardware Rack mounting support rails Removable support feet Temperature probe User manual 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 ENERGY STAR V2.0 (USA) FCC part 15 class A IRAM NOM RCM UL 1778 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	931 Btu/h
Operating altitude	0...10000 ft

Batteries & Runtime

Battery type	Lead-acid battery
Battery voltage	192 V
Extendable runtime	1
Included battery module	0
Typical recharge time	1.5 h
RBC quantity	1
Battery life	3…5 year(s)
Battery charging power	560 W rated

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	33 cm
Package 1 Width	96 cm
Package 1 Length	61 cm
Package 1 Weight	68.04 kg

Contractual warranty

Warranty (in months)	36 UPS|24 Battery

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	**10 863 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**838 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**9 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**10 007 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**8 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**

Energy efficiency

ENERGY STAR®	**ENERGY STAR UPS V2.0 (USA)**

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










Output 230.0 V
Online
ESC
OK




Run
Time
10m 02s
Online
ESC
OK



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