

Product datasheet

Specifications



APC Smart-UPS SRT, 8000VA, RM, 230V

SRT8KRMXLI

Price: 122,360.00 ZAR

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 380 V 415 V
Input voltage limits	100...275 V adjustable (half load) 173...476 V adjustable (half load)
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 1 phase 230 V 1 phase 240 V 1 phase
Output voltage	220 V 240 V
Rated power in W	8000 W
rated power in VA	8000 VA
Output connection type	6 IEC 60320 C13 3 IEC Jumpers 4 IEC 60320 C19
Output connector type	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 type	Double conversion online
Wave type	Sine wave
Output frequency	50/60 Hz +/- 3 Hz sync to mains

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

Complementary

Battery type	Lead-acid battery
Battery voltage	+/- 192 V (split battery referenced to neutral)
Extended runtime	1
Number of battery filled slots	0
Battery recharge time	1.5 h
Number of battery replacement quantity	2
Battery life	3...5 year(s)
Battery charger power	876 W rated
Battery type	Lead-acid internal included
Emergency power off	Yes
Free slots	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 rate	480 J
Number of rack unit	6U
Colour	Black
Height	263 mm
Width	432 mm
Depth	715 mm
Net 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)
Number of tare power	70 W
Curve equation	Efficiency
Curve fixed loss	0.0112
Curve load maximum	100 %
Curve load minimum	2 %
Curve proportional loss	0.0208
Curve square loss	0.0226
Curve test cond ID	Curve fit of data measured in accordance with the ENERGY STAR Test Method for Uninterruptible Power Supplies. All measurements taken in normal mode(s), at typical environmental conditions, with 230V/50Hz electrical input and balanced resistive load (PF = 1.0) output.
Curve X-axis maximum	100 %
Curve X-axis minimum	0 %
Curve X-axis title	Load
Curve X-axis units	Percentage
Curve Y-axis maximum	100 %
Curve Y-axis minimum	50 %
Curve Y-axis title	Efficiency
Curve Y-axis units	Percentage
Graph display	1
Show note OP temperature	No
Battery curve	D
Liquid value	0
Battery design life	2 year(s)
UPS design life	7 year(s)
Battery power in VAh	1728 VAh runtime
Battery option	SRT192RMBP2 1 3456 VAh SRT192RMBP2 2 5184 VAh SRT192RMBP2 3 6912 VAh SRT192RMBP2 4 8640 VAh SRT192RMBP2 5 10368 VAh SRT192RMBP2 6 12096 VAh SRT192RMBP2 8 15552 VAh SRT192RMBP2 10 19008 VAh
UPS size	S

Environment

Product certifications	CE EAC IRAM RCM VDE
Marking	CE Mark
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	0...40 °C

Ambient air temperature for storage	-15...45 °C
Storage altitude	0...15240 m
IP degree of 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

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)	36 UPS 24 Battery
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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 17666

Environmental Disclosure [Product Environmental Profile](#)

Use Better



Materials and Substances

Packaging made with recycled cardboard Yes

Packaging without single use plastic No

[EU RoHS Directive](#) Compliant with Exemptions

SCIP Number 409c68a1-39a6-4e5f-b080-12befe783ad8

REACH Regulation [REACH Declaration](#)

Use Longer



Lifetime extension

Repair No

Use Again



Repack and remanufacture

End of life manual availability [End of Life Information](#)

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











