

Product datasheet

Specifications



APC Smart-UPS Ultra On-Line Lithium ion, 8KVA/8KW, 4U Rack/ Tower, 230V

SRTL8KRM4UI

Overview

Lead time	Usually in Stock
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Main

Main Input Voltage	220...240 V AC
Product or component type	Uninterruptible power supply (UPS)
Other Input Voltage	220...240 V
Main Output Voltage	220/230/240 V AC 1 phase
Other Output Voltage	220/230/240 V
Rated power in W	8000 W
Rated power in VA	8000 VA
Input Connection Type	Hard Wire 3-wire 46 A
output connection type	6 IEC 60320 C13 6 IEC 60320 C19
Output connector type	Hard wire 3-wire (1P + N + E) 1
Number of rack unit	4U
Number of cables	1
Battery type	Li-Ion (Lithium-Ion)
Provided equipment	Temperature probe USB cable Rack mounting hardware Strain relief Stabilization feet
Range of product	Smart-UPS Ultra

Batteries & Runtime

Run Time	View Runtime Graph
Efficiency	View Efficiency Graph
Number of battery filled slots	0
Number of battery free slots	0
Battery recharge time	1.5 h
Number of battery replacement quantity	2
Battery voltage	180 V
Battery charger power	1200 W rated
Battery life	5...10 year(s)

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

Replacement battery	SRYLBM 
Extended runtime	1

General

product web sub-family	High density
Number of power module free slots	0
Redundant	No

Physical

Colour	Silver grey
Height	175 mm
Width	432 mm
Depth	832 mm
Net weight	55 kg
Mounting location	Front
Mounting preference	Lower
Mounting mode	Rack-mounted with kit Tower-mounted with kit
USB compatible	Yes
Mounting position	Horizontal Vertical

Input

Network frequency	40...70 Hz auto-sensing
Number of input connectors	1 hard wire 3-wire (1P + N + E)

Output

Maximum configurable power in W	8000 W
Harmonic distortion	Less than 5 %
Output frequency	50/60 Hz +/- 3 Hz sync to mains
Crest factor	3 : 1
UPS type	Double conversion online
Wave type	Sine wave
Bypass type	Internal bypass (automatic and manual)
Full load runtime	00:07:00 8000 W
Half load runtime	00:15:00 4000 W
Maximum configurable power in VA	8000 VA

Conformance

Product certifications	VDE
Marking	CE Mark UKCA

Standards	EN/IEC 62040-1 IEC 62040-2 EN/IEC 62040-2
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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	0.0000000000...15240.0000000000 m
Acoustic level	55 dB
Heat dissipation	1900 Btu/h
IP degree of protection	IP20

Communications & Management

Free slots	1
Preinstalled device	Network management card with environmental monitoring
control panel	Multifunction LCD status and control console
Alarm	Audible and visible alarms : prioritized by severity
Emergency power off	Yes

Surge Protection and Filtering

Surge energy rate	1410 J
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Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	63 cm
Package 1 Width	65 cm
Package 1 Length	100 cm
Package 1 Weight	88.5 kg
SCC14	1073130457849

Contractual warranty

Warranty	5 years repair or replace
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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	
Carbon footprint (kg.eq.CO2 per CR, Total Life cycle)	16931
Environmental Disclosure	Product Environmental Profile

Use Better

 Materials and Substances	
EU RoHS Directive	Compliant with Exemptions
REACH Regulation	REACH Declaration
China RoHS Regulation	China RoHS declaration

Use Again

 Repack and remanufacture	
Circularity Profile	End of Life Information
Removable battery	User replaceable
Take-back	No