Product datasheet

Specifications



APC Smart-UPS Ultra On-Line, 3000VA, Lithium-ion, Rack/Tower 1U, 230V, 3x C13, 2x C19 IEC outlets, SmartConnect, Extended runtime, W/rail kit

SRTL3KRM1UIC

Overview

Presentation	Ultra high density on-line power protection with scalable runtime supported by Lithium-Ion batteries.

Main

Main input voltage	230 V AC 1 phase
Other input voltage	230 V
Input connection	BS 1363 British IEC 60320 C20 CEE 7/7
Efficiency at full load	160...275 V adjustable (half load)
Input frequency	50/60 Hz auto-sensing
Output voltage	230 V AC 1 phase
Other output voltage	230 V
Rated power in W	3000 W
Rated power in VA	3000 VA
Output connection	3 IEC 60320 C13 2 IEC 60320 C19
Bypass type	Internal bypass (automatic and manual)
Crest factor	3 : 1
Maximum configurable power in VA	3000 VA
Maximum configurable power in W	3000 W
Output harmonic distortion	< 2% at 100% linear load and < 5% at 100% non-linear load
UPS topology	On-Line
Waveform type	Sine wave
Efficiency	98 %
Output frequency	50/60 Hz +/- 3 Hz sync to mains
Replacement battery	APCRBC173-LI

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	Li-Ion (Lithium-Ion) internal included
Control panel	Touch screen LCD user interface
Emergency power off	Yes
Alarm	Audible and visible alarms : prioritized by severity
UPS connectivity	Serial port USB port SmartConnect port
Surge energy rating	1600 J
Number of rack unit	1U
Cable length	2.4 m
Number of cables	1
Color	Silver grey
Height	43 mm
Width	432 mm
Depth	560 mm
Product weight	15.9 kg
Mounting preference	No preference
Mounting mode	Rack-mounted with kit Tower-mounted with kit
Two post mountable	1
USB compatible	Yes
Mounting position	Horizontal Vertical
Mounting mode	Rack/tower convertible with included kit
Provided equipment	RJ45 cable USB cable Safety guide Rack mounting brackets Rack mounting support rails Wall mounting brackets Stabilization feet Screws
Additional specification	High density
Redundant	No
Range of product	Smart-UPS Ultra
Product or component type	Uninterruptible power supply (UPS)

Environment

Product certification	CE UKCA UK PSTI
Marking	CE Mark UKCA
Standard	EN/IEC 62040-1 EN/IEC 61000-4-8 EN/IEC 61000-4-6 level 3 EN/IEC 61000-4-2 level 3 EN/IEC 61000-4-3 level 3
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 dB
Heat dissipation	325 Btu/h
Operating altitude	0...10000 ft

Batteries & Runtime

Battery type	Li-Ion (Lithium-Ion)
Battery voltage	50 V
Extendable runtime	1
Typical recharge time	1.5 h
RBC quantity	1
Battery design life	8…10 year(s)
Battery life	8…10 year(s)
Battery charging power	448 W

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	27.8 cm
Package 1 Width	56.4 cm
Package 1 Length	76.4 cm
Package 1 Weight	24.2 kg

Contractual warranty

Warranty (in months)	60

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	**7 399 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**1 276 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**7 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**9 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**6 074 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**32 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	**8519b6fb-f7a9-44f8-be44-5dee68362126**
EU RoHS Directive	**Compliant By Exemption**
REACh Regulation	**Reference contains Substances of Very High Concern above the threshold**

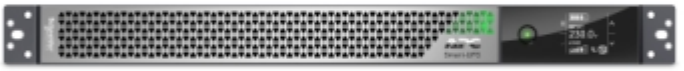
Use Again

Repack and remanufacture

Recyclability potential, in %	**61**
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

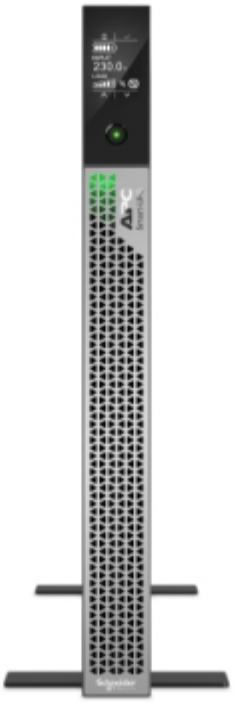
Alternative





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