Product datasheet

Specifications



APC Easy UPS On-Line, 1000VA, Lithium-ion, Rack/Tower 2U, 230V, 6 IEC C13 outlets, Intelligent Card Slot, W/ rail kit

SRVL1KRIRK

Overview

Presentation	Double-conversion On-line UPS with Lithium-Ion battery to scalable runtime. Ideal UPS for essential power protection needs even in the most unstable power conditions.

Main

Main input voltage	230 V AC 1 phase
Other input voltage	230 V
Input connection	IEC 60320 C14
Efficiency at full load	160...300 V full load 110...300 V 60 % load
Input frequency	40...70 Hz auto-sensing
Output voltage	230 V AC 1 phase
Other output voltage	220 V 240 V
Rated power in W	900 W
Rated power in VA	1000 VA
Output connection	6 IEC 60320 C13
Bypass type	Internal bypass (automatic and manual)
Crest factor	3 : 1
Maximum configurable power in VA	1000 VA
Maximum configurable power in W	900 W
UPS topology	On-Line
Waveform type	Sine wave
Efficiency	90 % (full load)
Output frequency	50/60 Hz +/- 3 Hz sync to mains
Replacement battery	RBCV181-LI

Graphs

Run Time	View Runtime Graph
Efficiency	View Efficiency Graph

Complementary

Battery type	Li-Ion (Lithium-Ion) internal included

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

Control panel	Multifunction LCD status and control console
Emergency power off	Yes
Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
UPS connectivity	Serial port USB port Available expansion slot
Surge energy rating	945 J
Number of rack unit	2U
Color	Black with silver front bezel
Height	86 mm
Width	438 mm
Depth	452 mm
Product weight	12.9 kg
USB compatible	Yes
Mounting position	Horizontal and vertical
Mounting mode	Rack-mounted with included kit
Provided equipment	Basic UPS signalling RS-232 cable USB cable C13-C14 power cord IEC-C14 - Shuko input power cord Rack mounting brackets Rack mounting support rails Stabilization feet User manual Safety guide
Number of power module filled slots	0
Number of power module free slots	0
Range of product	Easy UPS On-Line
Product or component type	Uninterruptible power supply (UPS)

Environment

Product certification	CB CE UKCA UN 38.3 IEC 62619
Ambient air temperature for operation	0…40 °C
Ambient air temperature for storage	-20…50 °C
Storage altitude	0…15000 m
IP protection	IP20
Relative humidity	0…95 % non-condensing
Storage relative humidity	0…95 % non-condensing
Acoustic level	50 dBA
Heat dissipation	341 Btu/h
Operating altitude	0...3000 m

Batteries & Runtime

Battery type	Li-Ion (Lithium-Ion)
Battery voltage	38.4 V
Extendable runtime	0
Included battery module	0
Empty battery slot	0
Typical recharge time	1.5 h
Battery design life	8…10 year(s)
Battery power in VAh	202 VAh runtime

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	24 cm
Package 1 Width	55 cm
Package 1 Length	58 cm
Package 1 Weight	18.3 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	**3 617 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**144 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**2 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**9 540 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**1 kg CO2 eq.**
Environmental Disclosure	**Product Environmental Profile**

Use Better

Materials and Substances

Packaging made with recycled cardboard	**No**
Packaging without single use plastic	**No**
SCIP Number	**61794b30-cc91-4087-9e6a-7801d2efcf5f**
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 %	**65**
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
230

