Product datasheet

Specifications



APC Easy UPS On-Line, 6kVA/ 6kW, Lithium-ion, Rack/Tower 5U, 230V, 1 Hard wire (1P+N+E) outlet, Intelligent Card Slot, Extended runtime, W/ rail kit

SRVL6KRILRK

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
Efficiency at full load	186...300 V full load 120...300 V 60 % load
Input connection	1 hard wire 3-wire (1P + N + E)
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	6000 W
Rated power in VA	6000 VA
Output connection	Hard wire 3-wire (1P + N + E) for 1 zone(s)
Bypass type	Internal bypass (automatic and manual)
Crest factor	3 : 1
Maximum configurable power in VA	6000 VA
Maximum configurable power in W	6000 W
UPS topology	On-Line
Waveform type	Sine wave
Efficiency	93.5 % (full load)
Output frequency	50/60 Hz +/- 4 Hz sync to mains

Graphs

Run Time	View Runtime Graph
Efficiency	View Efficiency Graph

Complementary

Battery type	Li-Ion (Lithium-Ion) external included
Control panel	Multifunction LCD status and control console

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

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	600 J
Number of rack unit	5U
Color	Black with silver front bezel
Height	217 mm
Width	438 mm
Depth	685 mm
Product weight	69.2 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 RJ45 cable RJ11 cable Battery cable Grounding cable Rack mounting brackets Stabilization feet User manual Safety guide
Range of product	Easy UPS On-Line
Product or component type	Uninterruptible power supply (UPS)

Environment

Product certification	CB CE UKCA RCM IRAM TISI 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	57.3 dBA
Heat dissipation	1780 Btu/h
Operating altitude	0...3000 m

Batteries & Runtime

Battery type	Li-Ion (Lithium-Ion)

Battery voltage	48 V
Extendable runtime	1
Included battery module	0
Empty battery slot	0
Typical recharge time	5 h
Battery design life	8…10 year(s)
Battery charging power	1500 W
Battery power in VAh	4510 VAh runtime

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	65.2 cm
Package 1 Width	60 cm
Package 1 Length	80 cm
Package 1 Weight	85.9 kg

Contractual warranty

Warranty (in months)	60 Battery|36 UPS

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	**789 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**395 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**27 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**30 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**300 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**37 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	**780cb2d6-f852-4c3c-987f-e705629194ca**
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 %	**48**
End of life manual availability	End of Life Information
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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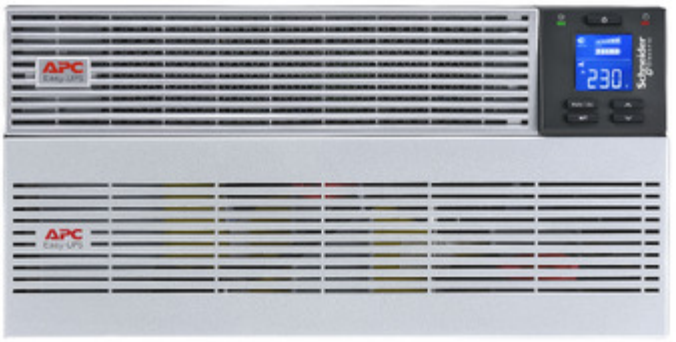



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