

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.
Lead time	Usually in Stock

Main

Main Input Voltage	230 V
product or component type	Uninterruptible power supply (UPS)
Other Input Voltage	230 V
Main Output Voltage	230 V
Other Output Voltage	220 V 240 V
Rated power in W	6000 W
Rated power in VA	6000 VA
Output connector type	Hard wire 3-wire (1P + N + E) 1
Number of rack unit	5U
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

Batteries & Runtime

Run Time	View Runtime Graph
Efficiency	View Efficiency Graph
Battery type	Li-Ion (Lithium-Ion)
Battery voltage	48 V
Number of battery filled slots	0
Number of battery free slots	0
Battery recharge time	5 h

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 design life	8...10 year(s)
Battery charger power	1500 W

Physical

Colour	Black with silver front bezel
Height	21.7 cm
Width	43.8 cm
Depth	68.5 cm
net weight	69.2 kg
USB compatible	Yes
Mounting position	Horizontal and vertical

Input

Input voltage limits	186...300 V full load 120...300 V 60 % load
Number of input connectors	1 hard wire 3-wire (1P + N + E)
Network frequency	40...70 Hz auto sensing

Output

Maximum configurable power in VA	6000 VA
Maximum configurable power in W	6000 W
Output frequency	50/60 Hz +/- 4 Hz sync to mains
UPS type	Double conversion online
Wave type	Sine wave
Efficiency	93.5 % (full load)
Bypass type	Internal bypass (automatic and manual)
Crest factor	3 : 1

Conformance

Product certifications	CB CE UKCA RCM IRAM TISI UN 38.3 IEC 62619
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Environmental

Ambient air temperature for operation	0...40 °C
Relative humidity	0...95 % non-condensing
Operating altitude	0...3000 m
Ambient air temperature for storage	-20...50 °C
Storage Relative Humidity	0...95 % non-condensing
Storage altitude	0...15000 m
Acoustic level	57.3 dBA

heat dissipation	1780 Btu/h
IP degree of protection	IP20

Communications & Management

Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
Emergency power off	Yes
control panel	Multifunction LCD status and control console

Surge Protection and Filtering

Surge energy rate	600 J
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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	3 years UPS repair or replace; 5 years battery repair or replace
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Sustainability

Green Premium™ label is Schneider Electric’s commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

- [Learn more about Green Premium >](#)
- [Guide to assess a product’s sustainability >](#)



Transparency RoHS/REACH

Well-being performance



Rohs Exemption Information

Yes

Certifications & Standards

Reach Regulation	REACH Declaration
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information