

Product datasheet

Specifications



APC Easy UPS On-Line, 6kVA/6kW, Rackmount 5U, 230V, Hard wire 3-wire(1P+N+E) outlet, Intelligent Card Slot, LCD, Extended Runtime, W/O rail kit

SRV6KRIL

! Discontinued

! Discontinued on: 4 Aug 2025

! To be end-of-service on: 30 Jun 2028

EAN Code: 0731304343295

Overview

Presentation	High quality, Double-conversion On-line UPS designed for essential power protection needs even in the most unstable power conditions.
Lead time	Usually in Stock



Main

Main Input Voltage	230 V AC 1 phase
Product or component type	Uninterruptible power supply (UPS)
Other Input Voltage	220 V 240 V
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 connector type	Hard wire 3-wire (1P + N + E) for 1 zone(s)
Number of rack unit	5U
Provided equipment	1 USB cable 1 RS-232 configuration cable 2 rack mounting brackets 1 external battery pack 1 battery cable user manual
Range of product	Easy UPS On-Line

Complementary

Battery type	Lead-acid external included
UPS connectivity	Serial port USB port Available expansion slot
Mounting mode	Rack-mounted with included kit

Batteries & Runtime

Run Time	View Runtime Graph 
Efficiency	View Efficiency Graph 
Battery type	Lead-acid battery
Battery voltage	240 V
Extended runtime	1
Number of battery filled slots	0
Number of battery free slots	0
Battery recharge time	5 h
Battery life	3...5 year(s)
Battery charger power	1170 W rated

General

Number of power module filled slots	0
Number of power module free slots	0
Redundant	No

Physical

Colour	Black (RAL 7010)
Height	219.5 mm
Width	438 mm
Depth	615 mm
Net weight	78 kg
Mounting location	Front
Mounting preference	Lower
Mounting mode	Rack-mounted with kit
USB compatible	Yes
Mounting position	Horizontal

Input

Input voltage limits	110...300 V 60 % load 176...300 V full 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 +/- 3 Hz sync to mains
Harmonic distortion	1 %
UPS type	Double conversion online
Wave type	Sine wave

Efficiency	94 % (full load)
Additional information	Configurable for 220 : 230 or 240 nominal output voltage
Bypass type	Internal bypass (automatic and manual)
Crest factor	3 : 1

Conformance

Product certifications	CE UKCA EAC TISI
Standards	EN/IEC 62040-1:2019/A11:2021 EN/IEC 62040-2:2006/AC:2006 EN/IEC 62040-2:2018

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	-15...60 °C
Storage Relative Humidity	0...95 % non-condensing
Storage altitude	0...15000 m
Acoustic level	55 dB
Heat dissipation	1172 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
Free slots	1
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	49 cm
Package 1 Width	87 cm
Package 1 Length	60 cm
Package 1 Weight	88 kg

Logistical informations

Country of origin	CN
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Contractual warranty

Warranty (in months)

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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

Total lifecycle Carbon footprint 809

Environmental Disclosure [Product Environmental Profile](#)

Use Better

Materials and Substances

Packaging made with recycled cardboard No

Packaging without single use plastic No

[EU RoHS Directive](#) Compliant with Exemptions

REACH Regulation [REACH Declaration](#)

Energy efficiency

Energy Efficiency Optimized Energy efficient product

Use Again

Repack and remanufacture

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



