

Product data sheet

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

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
Product Or Component Type	Uninterruptible power supply (UPS)
Other Input Voltage	220 V 240 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	1 USB cable 1 RS-232 configuration cable 2 rack mounting brackets 1 external battery pack 1 battery cable user manual

Batteries & Runtime

Run Time	View Runtime Graph
Efficiency	View Efficiency Graph
Battery Type	Lead-acid battery
Battery Voltage	240 V
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

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

Number Of Power Module Filled Slots	0
Number Of Power Module Free Slots	0
Redundant	No

Physical

Colour	Black (RAL 7010)
Height	21.95 cm
Width	43.8 cm
Depth	61.5 cm
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

Contractual warranty

Warranty	2 years 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

✓ Mercury Free

✓ Rohs Exemption Information [Yes](#)

Certifications & Standards

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive Compliant with Exemptions

Environmental Disclosure [Product Environmental Profile](#)

Circularity Profile [End of Life Information](#)