

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-IN

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

Range of product Easy UPS On-Line

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 1

Number of battery free slots 0

Battery recharge time 5 h

Battery charger power 1170 W rated

General

Max runtime 6 min

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	No
mounting position	Horizontal

Input

Switching current capacity	50 A
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	BIS
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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...60 °C

Storage Relative Humidity	0...95 % non-condensing
Storage altitude	0...15000 m
acoustic level	60 dBA
Heat dissipation	1172 Btu/h
IP degree of protection	IP20

Communications & Management

Alarm	Audible and visible alarms : prioritized by severity
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	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

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

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Transparency RoHS/REACH

Well-being performance

Mercury Free

Rohs Exemption Information [Yes](#)

Certifications & Standards

Eu Rohs Directive [Compliant with Exemptions](#)

Environmental Disclosure [Product Environmental Profile](#)

Circularity Profile [End of Life Information](#)