

Product datasheet

Specifications



APC Easy UPS On-Line, 6kVA/6kW, Rackmount 4U, 230V, Hard wire 3-wire(1P+N+E) outlet, Intelligent Card Slot, LCD, W/ rail kit

SRV6KRIRK

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
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	4U
Provided equipment	1 user manual 1 RS-232 configuration cable 2 rack mounting brackets 2 rack mounting support rails 1 external battery pack 1 battery cable user manual

Batteries & Runtime

Battery type	Lead-acid battery
Battery voltage	192 V
Number of battery filled slots	0
Number of battery free slots	0
Battery recharge time	4 h
Battery life	3...5 year(s)
Battery charger power	235 W rated

General

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

Colour	Black (RAL 7010)
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Height	17.3 cm
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Width	43.8 cm
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Depth	71.0 cm
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Net weight	61 kg
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Mounting location	Front
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Mounting preference	Lower
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Mounting mode	Rack-mounted
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USB compatible	Yes
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Mounting position	Horizontal
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Input

Input voltage limits	110...300 V 60 % load 176...300 V full load
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Number of input connectors	1 hard wire 3-wire (1P + N + E)
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Network frequency	40...70 Hz auto sensing
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Output

Maximum configurable power in VA	6000 VA
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Maximum configurable power in W	6000 W
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Output frequency	50/60 Hz +/- 3 Hz sync to mains
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Harmonic distortion	1 %
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UPS type	Double conversion online
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Wave type	Sine wave
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Efficiency	94 % (full load)
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Additional information	Configurable for 220 : 230 or 240 nominal output voltage
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Bypass type	Internal bypass (automatic and manual)
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Crest factor	3 : 1
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Conformance

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

Ambient air temperature for operation	0...40 °C
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Relative humidity	0...95 % non-condensing
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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 dBA
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	123.19 cm
Package 1 Width	83.6 cm
Package 1 Length	60 cm
Package 1 Weight	71 kg

Offer Sustainability

REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes

Contractual warranty

Warranty	2 years repair or replace
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Recommended replacement(s)