

Product data sheet

Specifications



APC Easy UPS On-Line, 6kVA/6kW, Tower, 230V, Hard wire 3-wire(1P+N+E) outlet, Intelligent Card Slot, LCD, Extended Runtime

SRV6KIL

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
Provided Equipment	1 USB cable 1 RS-232 configuration cable 1 external battery pack 1 battery cable 1 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

Number Of Power Module Filled Slots	0
Number Of Power Module Free Slots	0

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

Redundant	No
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Physical

Colour	Black (RAL 7010)
Height	36.8 cm
Width	38 cm
Depth	48.5 cm
Net Weight	73 kg
Mounting Location	Front
Mounting Preference	No preference
Mounting Mode	Not rack-mountable
Usb Compatible	Yes
Mounting Position	Vertical

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 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	46 cm
Package 1 Width	57 cm
Package 1 Length	58 cm
Package 1 Weight	79 kg

Contractual warranty

Warranty	2 years repair or replace
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Sustainability

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Transparency RoHS/REACH

Well-being performance

✓ Toxic Heavy Metal Free	
✓ Mercury Free	
✓ Rohs Exemption Information	Yes

Certifications & Standards

Reach Regulation	REACH Declaration
Eu Rohs Directive	Compliant EU RoHS Declaration
China Rohs Regulation	China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope)
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information