

Technical Specifications

APC Easy UPS SRV 2000VA 230V | SRV2KI | Downloaded on 06/25/2020 (EST)



APC Easy UPS SRV 2000VA 230V

SRV2KI

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- High quality, Double-conversion On-line UPS designed for essential power protection needs even in the most unstable power conditions
- Includes: Basic UPS signalling RS-232 cable, CD with software, USB cable, User Manual

Output

Output power capacity	1.6kWatts / 2.0kVA
Max Configurable Power (Watts)	1.6kWatts / 2.0kVA
Nominal Output Voltage	230V
Output Voltage Note	Configurable for 220 : 230 or 240 nominal output voltage
Efficiency at Full Load	88.0 %
Output Frequency (sync to mains)	50/60Hz +/- 3 Hz
Other Output Voltages	220, 240
Load Crest Factor	3 : 1
Topology	Double Conversion Online
Waveform type	Sine wave
Output Connections	(4) IEC 320 C13 (Battery Backup)
Bypass	Internal Bypass (Automatic and Manual)

Input

Nominal Input Voltage	230V
Input frequency	40 - 70 Hz
Input Connections	IEC-320 C14
Cord Length	1.5meters
Input voltage range for main operations	160 - 280V
Input voltage adjustable range for mains operation	110 - 285 (half load)V
Number of Power Cords	1

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Input	
Efficiency at Full Load	88.0 %
Other Input Voltages	220, 240

Batteries & Runtime	
Battery type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof
Typical recharge time	4hour(s)
Battery Charge Power (Watts)	76Watts
Battery Volt-Amp-Hour Capacity	304
Runtime	View Runtime Graph (Available in Technical Tab on site) View Runtime Chart (Available in Technical Tab on site)
Efficiency	View Efficiency Graph (Available in Technical Tab on site)

Communications & Management	
Interface Port(s)	DB-9 RS-232, USB
Control panel	Multi-function LCD status and control console
Audible Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
Emergency Power Off (EPO)	--

Surge Protection and Filtering	
Surge energy rating	600Joules

Physical	
Maximum Height	238MM, 23.8CM
Maximum Width	145MM, 14.5CM
Maximum Depth	400MM, 40.0CM
Net Weight	16.8KG
Shipping weight	18.1KG
Shipping Height	355MM, 35.5CM
Shipping Width	235MM, 23.5CM
Shipping Depth	525MM, 52.5CM
Color	Black

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Environmental	
Operating Temperature	0 - 40 °C
Operating Relative Humidity	0 - 95 (non-condensing) %
Operating Elevation	0-3000meters
Storage Temperature	-20 - 50 °C
Storage Relative Humidity	0 - 95 (non-condensing) %
Storage Elevation	0-15000meters
Audible noise at 1 meter from surface of unit	50.0dBA
Protection Class	IP 20
Conformance	
Approvals	CE, IEC 62040-1-1, IEC 62040-1-2
Standard warranty	2 years repair or replace
Sustainable Offer Status	
RoHS	Compliant
REACH	REACH: Contains No SVHCs

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