ComX Computers
Product Specification Sheet

SRV1KIL

APC easy UPS SRV 1000VA 230V UPS with external battery pack

Product Overview

APC Easy UPS SRV 1000VA 230V UPS with External Battery Pack



Specifications

Overview:

High quality, Double-conversion On-line UPS designed for essential power protection needs even in the most unstable power conditions

Features:

Automatic internal bypass
Supplies utility power to the connected loads in the event of a UPS power overload or fault.

Automatic restart of loads after UPS shutdown
Automatically starts up the connected equipment upon the return of utility power.

ECO Mode
Operating mode that by-passes unused electrical components in good power conditions to achieve high operating efficiency without sacrificing protection

Input power factor correction
Minimizes installation costs by enabling the use of smaller generators and cabling.

Intelligent battery management
Maximizes battery performance, life, and reliability through intelligent, precision charging.

LCD display
Alpha-Numeric Display which displays system parameters and alarms.

Serial connectivity
Provides management of the UPS via a serial port.

USB connectivity
Provides management of the UPS via a USB port (not available on all models).

Intuitive LCD interface
Provides clear and accurate information in multiple languages with the ability to configure the UPS locally with easy to use navigation keys.

ECO Mode
Operating mode that by-passes unused electrical components in good power conditions to achieve high operating efficiency without sacrificing protection

Double conversion on-line topology
Guarantees a consistently high level of power quality. Any disturbances on the distribution waveform are regenerated via the zero transfer time AC to DC then DC to AC conversion process. The battery is only used as a back-up source.

Management Software
Allows you to easily monitor your utility power and manage your UPS.

Generator compatible
Ensures clean, uninterrupted power to protected equipment when generator power is used.

SmartSlot
Customize UPS capabilities with management cards.

Wide input voltage range
Designed for harsh electrical environments to save battery life.

High efficiency
High efficiency rates that remain stable even at lower operating power levels

Input power factor correction
Minimizes installation costs by enabling the use of smaller generators and cabling.

Disconnected battery notification
Warns when a battery is not available to provide backup power.

Predictive failure notification.
Provides early-warning fault analysis ensuring proactive component replacement.

Automatic self-test
Periodic battery self-test ensures early detection of a battery that needs to be replaced.

Audible alarms
Provides notification of changing utility power and UPS power conditions

Management Software
Allows the user to manage the UPS functions, schedule automatic shutdown and monitor the power grid occurrences through an interactive interface that ensures an easy and intuitive monitoring.

Safety-agency approved
Ensures the product has been tested and approved to work safely with the connected service provider equipment and within the specified environment.

Pure sine wave output on battery
Simulates utility power to provide the highest degree of compatibility for active PFC (power factor corrected) servers and sensitive electronics.

USB connection
Use your PC to access additional power protection and management features for your UPS via a USB Port.

Intelligent battery management
Maximizes battery performance, life, and reliability through intelligent, precision charging.

LCD graphics display
Text and mimic diagrams that display modes of operation, system parameters and alarms.

Serial connectivity
Provides management of the UPS via a serial port.

LED Indicators
Provide easy-to-read status of the unit and utility power conditions.

Network manageable
Provides remote power management of the UPS over the network.

SmartSlot
Customize UPS capabilities with management cards.

Specifications:

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Specifications	
Product Code	SRV1KIL
Output	
Output power capacity	800Watts / 1.0kVA
Max Configurable Power (Watts)	800Watts / 1.0kVA
Nominal Output Voltage	230V
Output Voltage Distortion	0.03
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	(3) 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
Input voltage range for main operations	160 - 280V
Number of Power Cords	1
Other Input Voltages	220, 240
Batteries & Runtime	
Battery type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof
Typical recharge time	4hour(s)
Extendable Run Time	1
Battery Volt-Amp-Hour Capacity	516
Extended Run Options	APC-Easy-UPS-On-Line-SRV-Ext-Runtime-1000VA-230V-with-External-Battery-Pack
Communications & Management	
Interface Port(s)	USB
Control panel	Multi-function LCD status and control console
Audible Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
Surge Protection and Filtering	
Surge energy rating	600Joules
Physical	
Maximum Height	223MM, 22.3CM
Maximum Width	145MM, 14.5CM
Maximum Depth	288MM, 28.8CM
Net Weight	24.0KG
Shipping weight	26.7KG
Shipping Height	330MM, 33.0CM
Shipping Width	235MM, 23.5CM
Shipping Depth	365MM, 36.5CM
Environmental	
Operating Temperature	0 - 40 degreesC
Operating Relative Humidity	0 - 95 (non-condensing) %
Operating Elevation	0-3000meters
Storage Temperature	-20 - 50 degreesC
Storage Relative Humidity	0 - 95 (non-condensing) %
Storage Elevation	0-14763.6meters
Conformance	
Approvals	CE, IEC 62040-1-1, IEC 62040-1-2

Sustainable Offer Status	
RoHS	Compliant
REACH	REACH: Contains SVHCs

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/SRV1KIL-APC-easy-UPS-SRV-1000VA-230V-UPS-with-external-battery-pack-p-256545.php

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