Product datasheet

Specifications



APC Easy UPS On-Line SRV Ext. Runtime 1000VA 230V with External Battery Pack

SRV1KIL

Overview

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

Main

Main input voltage	230 V AC 1 phase
Other input voltage	220 V 240 V
Input connection	IEC 60320 C14
Efficiency at full load	110...285 V half load 160...280 V full load
Input frequency	40...70 Hz auto sensing
Output voltage	230 V AC 1 phase
Other output voltage	220 V 240 V
Rated power in W	800 W
Rated power in VA	1000 VA
Output connection	3 IEC 60320 C13
Bypass type	Internal bypass (automatic and manual)
Crest factor	3 : 1
Harmonic distortion	3 %
Maximum configurable power in VA	1000 VA
Maximum configurable power in W	800 W
UPS topology	On-Line
Waveform type	Sine wave
Efficiency	88 % (full load)
Output frequency	50/60 Hz +/- 3 Hz sync to mains

Graphs

Run Time	View Runtime Graph
Efficiency	View Efficiency Graph

Complementary

Additional information	Configurable for 220 : 230 or 240 nominal output voltage
Battery type	Lead-acid external included

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

Control panel	Multifunction LCD status and control console
Free slot	1
Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
UPS connectivity	Serial port USB port Available expansion slot
Surge energy rating	600 J
Cable length	1.50 m
Number of cables	1
Color	Black (RAL 7010)
Height	238 mm
Width	290 mm
Depth	400 mm
Product weight	24 kg
Mounting location	Front
Mounting preference	No preference
Mounting mode	Not rack-mountable
USB compatible	No
Mounting position	Vertical
Mounting mode	Tower
Number of power module filled slots	0
Number of power module free slots	0
Redundant	No
Range of product	Easy UPS On-Line
Product or component type	Uninterruptible power supply (UPS)

Environment

Product certification	CE UKCA EAC TISI
Standard	EN/IEC 62040-1:2019/A11:2021 EN/IEC 62040-2:2006/AC:2006 EN/IEC 62040-2:2018
Ambient air temperature for operation	0…40 °C
Ambient air temperature for storage	-20…50 °C
Storage altitude	0…15000 m
IP protection	IP20
Relative humidity	0…95 % non-condensing
Storage relative humidity	0…95 % non-condensing
Acoustic level	50 dBA
Heat dissipation	372 Btu/h
Operating altitude	0...3000 m

Batteries & Runtime

Battery type	Lead-acid battery
Battery voltage	36 V
Extendable runtime	1
Included battery module	0
Empty battery slot	0
Typical recharge time	4.5 h
Battery life	3…5 year(s)
Battery charging power	175 W rated
Battery power in VAh	516 VAh runtime

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	35.5 cm
Package 1 Width	47 cm
Package 1 Length	52.5 cm
Package 1 Weight	26.7 kg

Contractual warranty

Warranty (in months)	24

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Environmental footprint

Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances

Packaging made with recycled cardboard	No
Packaging without single use plastic	No
SCIP Number	B2b22a56-41f2-497e-9ea6-cf093b3b8bd3
EU RoHS Directive	Compliant
REACh Regulation	Reference contains Substances of Very High Concern above the threshold

Use Again

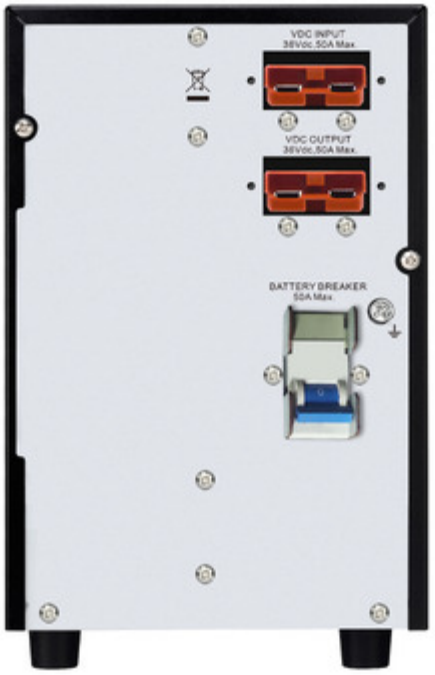
Repack and remanufacture

End of life manual availability	End of Life Information
Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Image of product / Alternate images

Alternative


230
APC
Easy-UPS
APC
Easy-UPS


VDC INPUT
VDC OUTPUT
BATTERY BREAKER


USB
RS232
INTELLIGENT SLOT
CIRCUIT BREAKER
RoHS
INPUT 10A Max.