Product data sheet
Characteristics

SRV10KRILRK
APC Easy UPS On-Line, 10kVA/10kW, Rackmount 5U, 230V, Hard wire 3-wire(1P+N +E) outlet, Intelligent Card Slot, LCD, Extended Runtime, W/ Rail Kit



Overview

Presentation	High quality, Double-conversion On-line UPS designed for essential power protection needs ev

Main

Main Input Voltage	230 V AC 1 phase
Input voltage	220 V 240 V
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 voltage	230 V AC 1 phase
Output voltage	220 V 240 V
Rated power in W	10000 W
Rated power in VA	10000 VA
Output connector type	Hard wire 3-wire (1P + N + E) for 1 zone(s)
Bypass type	Internal bypass (automatic and manual)
Crest factor	3 : 1
Harmonic distortion	1 %
Maximum configurable power in VA	10000 VA
Maximum configurable power in W	10000 W
UPS type	On-Line
Wave type	Sine wave
Efficiency	94 % (full load)
Output frequency	50/60 Hz +/- 3 Hz sync to mains

Complementary

Additional information	Configurable for 220 : 230 or 240 nominal output voltage
Battery type	Lead-acid external included
Control panel	Multifunction LCD status and control console
Emergency power off	Yes
Free slots	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 rate	600 J
Number of rack unit	5U
Colour	Black (RAL 7010)
Height	219.5 Mm
Width	438 Mm
Depth	615 Mm
Net weight	78 Kg
Mounting location	Front
Mounting preference	Lower
Mounting mode	Rack-mounted
USB compatible	Yes
Mounting position	Horizontal
Mounting mode	Rack-mounted with included kit
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 certifications	CE[RETURN]UKCA[RETURN]EAC[RETURN]TISI
Standards	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	-15…60 °C
Storage altitude	0…15000 M
IP degree of protection	IP20
Relative humidity	0…95 % non-condensing
Storage Relative Humidity	0…95 % non-condensing
Acoustic level	58 dBA
Heat dissipation	2128 Btu/H
Operating altitude	0...3000 m

Batteries & Runtime

Battery type	Lead-acid battery
Battery voltage	240 V
Extended runtime	1
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
Battery power in VAH	1512 VAh runtime

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	49 Cm
Package 1 Width	60 Cm
Package 1 Length	87 Cm
Package 1 Weight	88 Kg

Offer Sustainability

Recyclability potential, in %	48
Total lifecycle Carbon footprint	809 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	405.15043770383267
Carbon footprint of the manufacturing phase [A1 to A3]	405 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	27.149211642676736
Carbon footprint of the distribution phase [A4]	27 kg CO2 eq.
Carbon footprint of the installation phase [A5]	30.803560481596822
Carbon footprint of the installation phase [A5]	31 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	307.09693239498785
Carbon footprint of the use phase [B2, B3, B4, B6]	307 kg CO2 eq.
Mercury free	Yes
Sustainable packaging	No
Carbon footprint of the end-of-life phase [C1 to C4]	38.34638679777347
Carbon footprint of the end-of-life phase [C1 to C4]	38 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	809
Packaging made with recycled cardboard	No
Packaging without single use plastic	No
SCIP Number	409c68a1-39a6-4e5f-b080-12befe783ad8
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant By Exemption
End of life manual availability	End Of Life Information
Take-back	Yes
WEEE Label	The product must be disposed on European Union markets following specific waste collection a

Contractual warranty

Warranty (in months)	24

Product Life Status : Commercialised