Product data sheet
Characteristics

SRV2KI-E
APC Easy UPS On-Line, 2000VA/1800W, Tower, 230V, 4x IEC C13 outlets, Intelligent Card Slot, LCD



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 Connection Type	IEC 60320 C14
Input voltage limits	110...285 V 40% load 180...285 V full load
Network frequency	40...70 Hz auto sensing
Output voltage	230 V AC 1 phase
Output voltage	220 V 240 V
Rated power in W	1800 W
Rated power in VA	2000 VA
Output connection type	4 IEC 60320 C13
Bypass type	Internal bypass (automatic and manual)
Crest factor	3 : 1
Harmonic distortion	3 %
Maximum configurable power in VA	2000 VA
Maximum configurable power in W	1800 W
UPS type	On-Line
Wave type	Sine wave
Efficiency	88 % (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 internal included
Control panel	Multifunction LCD status and control console
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	945 J
Cable length	1.5 M
Number of cables	1
Colour	Black (RAL 7010)
Height	238 Mm
Width	145 Mm
Depth	400 Mm
Net weight	17.0 Kg
Mounting location	Front
Mounting preference	No preference
Mounting mode	Not rack-mountable
USB compatible	Yes
Mounting position	Vertical
Mounting mode	Tower
Max runtime	3 Min
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]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	-20…50 °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	50 dBA
Heat dissipation	759 Btu/H
Operating altitude	0...3000 m

Batteries & Runtime

Battery type	Lead-acid battery
Battery voltage	48 V
Extended runtime	0
Number of battery filled slots	0
Number of battery free slots	0
Battery recharge time	4 H
Battery life	3…5 Year(S)
Battery charger power	70 W rated
Battery power in VAH	367 VAh runtime

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	35.500 Cm
Package 1 Width	24.000 Cm
Package 1 Length	52.000 Cm

Package 1 Weight	20.378 Kg
Unit Type of Package 2	P12
Number of Units in Package 2	16
Package 2 Height	122.000 Cm
Package 2 Width	80.000 Cm
Package 2 Length	120.000 Cm
Package 2 Weight	350.000 Kg

Offer Sustainability

Recyclability potential, in %	58
Total lifecycle Carbon footprint	960 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	539.7013821249
Carbon footprint of the manufacturing phase [A1 to A3]	540 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.0056211987
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	6.3870812527
Carbon footprint of the installation phase [A5]	6 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	6407.71723441701
Carbon footprint of the use phase [B2, B3, B4, B6]	6 408 kg CO2 eq.
Toxic heavy metal free	Yes
Mercury free	Yes
Sustainable packaging	No
Carbon footprint of the end-of-life phase [C1 to C4]	1.4964232579
Carbon footprint of the end-of-life phase [C1 to C4]	1 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	960
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
SCIP Number	1f0ef67d-1007-49e2-8b00-e6be45e72be9
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant
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