Product data sheet
Characteristics

SCL500RMI1UC
APC Smart-UPS, Line Interactive, 500VA, Lithium-ion, Rackmount 1U, 230V, 4x IEC C13 outlets, SmartConnect Port, Short Depth



Overview

Presentation	Intelligent and efficient network power protection from entry level to scalable runtime. Ideal UPS

Main

Main Input Voltage	230 V AC 1 phase
Input Connection Type	IEC 60320 C14
Input protection type	Circuit breaker
Input voltage limits	208...253 V
Network frequency	50/60 Hz +/- 3 Hz auto sensing
Output voltage	230 V AC 1 phase
Rated power in W	400 W
Rated power in VA	500 VA
Output connection type	4 IEC 60320 C13
Harmonic distortion	Less than 5 %
Maximum configurable power in VA	500 VA
Maximum configurable power in W	400 W
Transfer time	6 ms typical : 10 ms maximum
UPS type	Line interactive
Wave type	Sine wave
Output frequency	50/60 Hz +/- 3 Hz sync to mains

Complementary

Battery type	Li-Ion (Lithium-Ion) internal included
Control panel	LED status display with on line : on battery : replace battery and building wiring fault
Free slots	0
Alarm	Alarm when on battery : distinctive low battery alarm : configurable delays
Software compatibility	SmartConnect IT Expert PowerChute Serial Shutdown
UPS connectivity	Serial port USB port SmartConnect port
Communication port support	SmartConnect Ethernet port: for cloud monitoring feature availability varies by terms of use
Software package	SmartConnect software for remote power monitoring feature availability varies by terms of use
Surge energy rate	510 J

Noise suppression	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : m
Number of rack unit	1U
Colour	Black with silver front bezel
Height	44 Mm
Width	432 Mm
Depth	232 Mm
Net weight	4.06 Kg
Mounting preference	No preference
Mounting mode	Rack-mounted
USB compatible	Yes
Mounting mode	Rack-mounted
Provided equipment	Installation guide Rack mounting support rails USB cable
Additional specification	Cloud-enabled monitoring
Redundant	No
Range of product	Smart-UPS
Product or component type	Uninterruptible power supply (UPS)

Environment

Product certifications	C-Tick[RETURN]CE[RETURN]EAC[RETURN]RCM[RETURN]UK PSTI
Equipment protection policy	Lifetime : $150000
Standards	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…45 °C
Storage altitude	0…7620 M
IP degree of protection	IP20
Relative humidity	0…95 % non-condensing
Storage Relative Humidity	0…95 % non-condensing
Acoustic level	45 dBA
Heat dissipation	41.61 Btu/H
Operating altitude	0...10000 ft

Batteries & Runtime

Battery type	Li-Ion (Lithium-Ion)
Battery graph comments	This graph is based on actual measured runtime data. All measurements were taken with new, full
Extended runtime	0
Battery design life	8…10 Year(S)
Battery charger power	10 W rated

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	16.8 Cm
Package 1 Width	59 Cm
Package 1 Length	33.7 Cm
Package 1 Weight	6 Kg

Offer Sustainability

Recyclability potential, in %	51
Total lifecycle Carbon footprint	183 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	70.3571428571
Carbon footprint of the manufacturing phase [A1 to A3]	70 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.7741269841
Carbon footprint of the distribution phase [A4]	0.8 kg CO2 eq.

Carbon footprint of the installation phase [A5]	0.3845502646
Carbon footprint of the installation phase [A5]	0.4 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	107.8209268389
Carbon footprint of the use phase [B2, B3, B4, B6]	108 kg CO2 eq.
Mercury free	Yes
Sustainable packaging	No
Carbon footprint of the end-of-life phase [C1 to C4]	3.8505291005
Carbon footprint of the end-of-life phase [C1 to C4]	4 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	183
Average percentage of recycled plastic content	15 %
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
SCIP Number	0637234b-27c7-4e32-ae29-543dd4803a99
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant By Exemption
Energy Efficiency Optimized	Energy efficient product
Product contributes to saved and avoided emissions	Yes
End of life manual availability	End Of Life Information
Removable battery	User replaceable
Take-back	Yes
WEEE Label	The product must be disposed on European Union markets following specific waste collection a

Contractual warranty

Warranty (in months)	60

Product Life Status : Commercialised