APC by Schneider Electric

APC Smart-UPS SC 450VA 230V - 1U Rackmount/Tower
Part Number: SC450RMI1U

Technical Specifications   Product Overview   Documentation   Software & Firmware   Options   Ratings and Reviews

Output

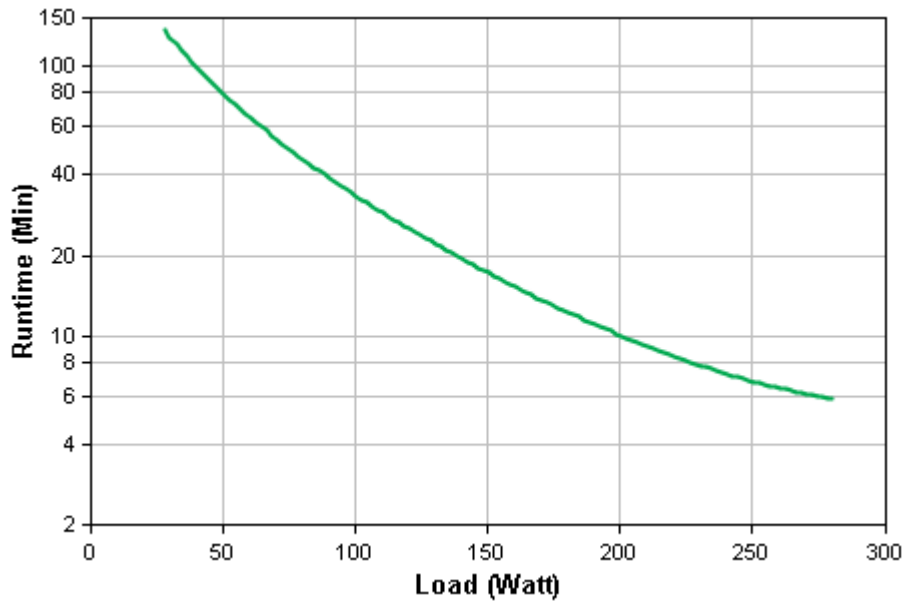|	
Output Power Capacity	280 Watts / 450 VA
Max Configurable Power	280 Watts / 450 VA
Nominal Output Voltage	230V
Output Voltage Distortion	Less than 5% at full load
Output Frequency (sync to mains)	47 - 53 Hz for 50 Hz nominal, 57 - 63 Hz for 60 Hz nominal
Topology	Line Interactive
Waveform Type	Stepped approximation to a sinewave
Output Connections	(4) IEC 320 C13 (2) IEC Jumpers

Input

Nominal Input Voltage	230V
Input Frequency	50/60 Hz +/- 3 Hz (auto sensing)
Input Connections	IEC-320 C14
Input voltage range for main operations	195 - 265V
Input voltage adjustable range for mains operation	151 - 302V

Batteries & Runtime

Battery Type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof

Typical recharge time	5 hour(s)
Replacement Battery	[RBC18](#)
RBC™ Quantity	1
Runtime Graph	

Hover over the line on the graph above to view the runtime at any desired load

Curve fit to measured runtime data. All measurements taken with new, fully charged batteries, at typical environmental conditions, with no electrical input and balanced resistive load (PF = 1.0) output.

[View Enlarged Graph](#)   [View Runtime Chart](#)

Communications & Management

Interface Port(s)	DB-9 RS-232
Control panel	LED status display with On Line : On Battery : Replace Battery and Overload indicators
Audible Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
Emergency Power Off (EPO)	Optional

Surge Protection and Filtering

Surge energy rating	320 Joules
Filtering	Full time multi-pole noise filtering : 0.7% IEEE surge let-through : zero clamping response time : meets UL 1449
Data Line Protection	RJ-11 2-Way Modem/Fax/DSL splitter with protection (four wire dual lines), RJ45 10/100 Base-T Ethernet protection

Physical

Maximum Height	44.00 mm
Maximum Width	432.00 mm
Maximum Depth	383.00 mm
Rack Height	1U
Net Weight	10.18 KG
Shipping Weight	11.73 KG
Shipping Height	164.00 mm
Shipping Width	476.00 mm

Shipping Depth	589.00 mm
Color	Grey
Units per Pallet	24.00

Environmental

Operating Environment	0 - 40 ℃
Operating Relative Humidity	0 - 95%
Operating Elevation	0-3000 meters
Storage Temperature	-15 - 45 ℃
Storage Relative Humidity	0 - 95%
Storage Elevation	0-15000 meters
Audible noise at 1 meter from surface of unit	38.00 dBA
Online Thermal Dissipation	38.00 BTU/hr

Conformance

Regulatory Approvals	C-tick, CE, GOST, VDE
Standard Warranty	2 years repair or replace

Sustainable Offer Status

RoHS	Compliant
Other Environmental Compliance	China RoHS

**The time to recharge to 90% of full battery capacity following a discharge to shutdown using a load rated for 1/2 the full load rating of the UPS.