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Return to Uninterruptible Power Supply (UPS)

Smart-UPS

SU



APC Smart-UPS, 950 Watts / 1400 VA, Input 230V / Output 230V, Interface Port DB-9 RS-232, SmartSlot, Rack Height 2 U

Includes: CD with software, Rack Mounting support rails, Smart UPS signalling RS-232 cable, User Manual



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SU1400RMI2U

DISCONTINUED : recommended replacement product [SUA1500RMI2U](#)

Email Technical Specifications

Printer Friendly

Locate a Partner

Technical Specifications

Product Overview

Documentation

Software & Firmware

Options

Ratings and Reviews

Output

Output Power Capacity	950 Watts / 1400 VA
Max Configurable Power	950 Watts / 1400 VA
Nominal Output Voltage	230V
Output Voltage Note	Configurable for 220 : 230 or 240 nominal output voltage
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
Crest Factor	up to 5 : 1
Topology	Line Interactive
Waveform Type	Sine wave
Output Connections	(4) IEC 320 C13 (2) IEC Jumpers

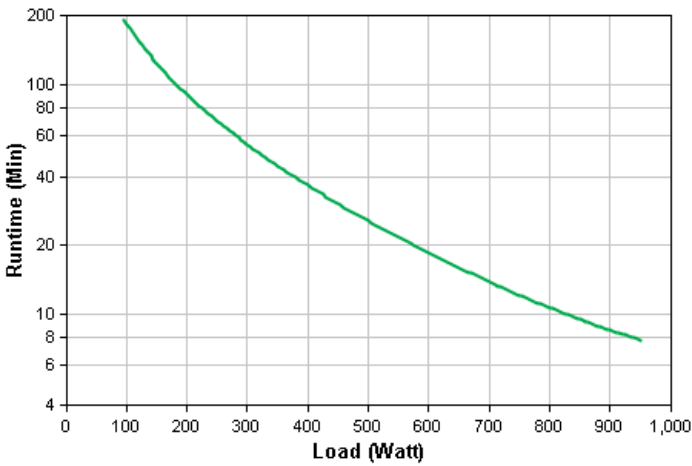


Input

Nominal Input Voltage	230V
Input Frequency	50/60 Hz +/- 3 Hz (auto sensing)
Input Connections	IEC-320 C14
Input voltage range for main operations	160 - 286V
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	3 hour(s)
Replacement Battery	RBC24
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, SmartSlot
Available SmartSlot™ Interface Quantity	1
Control panel	LED status display with load and battery bar-graphs and On Line : On Battery : Replace Battery : and Overload Indicators
Audible Alarm	Alarm when on battery : distinctive low battery alarm : configurable delays
Emergency Power Off (EPO)	Optional

Surge Protection and Filtering

Surge energy rating	480 Joules
Filtering	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : meets UL 1449

Physical

Maximum Height	89.00 mm
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Maximum Width	483.00 mm
Maximum Depth	457.00 mm
Rack Height	2U
Net Weight	28.64 KG
Shipping Weight	31.92 KG
Shipping Height	254.00 mm
Shipping Width	594.00 mm
Shipping Depth	603.00 mm
Color	Beige
Environmental	
Operating Environment	0 - 40 °C
Operating Relative Humidity	0 - 95%
Operating Elevation	0-3000 meters
Storage Temperature	-15 - 45 °C
Storage Relative Humidity	0 - 95%
Storage Elevation	0-15000 meters
Audible noise at 1 meter from surface of unit	46.00 dBA
Online Thermal Dissipation	171.00 BTU/hr
Conformance	
Regulatory Approvals	C-tick, CE, EN 50091-1, EN 50091-2, TUV, VDE
Standard Warranty	2 years repair or replace, optional on-site warranties available, optional extended warranties available
Sustainable Offer Status	

**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.