



**APC Smart-UPS C 1000VA 2U Rack mountable LCD 230V**  
**Part Number:** SMC1000I-2U



[Technical Specifications](#)   [Product Overview](#)   [Documentation](#)   [Software & Firmware](#)   [Options](#)   [Ratings and Reviews](#)

### Output

Output Power Capacity	600 Watts / 1000 VA
Max Configurable Power	600 Watts / 1000 VA
Nominal Output Voltage	230V
Output Voltage Distortion	Less than 5% at full load
Output Frequency (sync to mains)	57 - 63 Hz for 60 Hz nominal
Topology	Line Interactive
Waveform Type	Sine wave
Output Connections	(4) IEC 320 C13  (2) IEC Jumpers



### Input

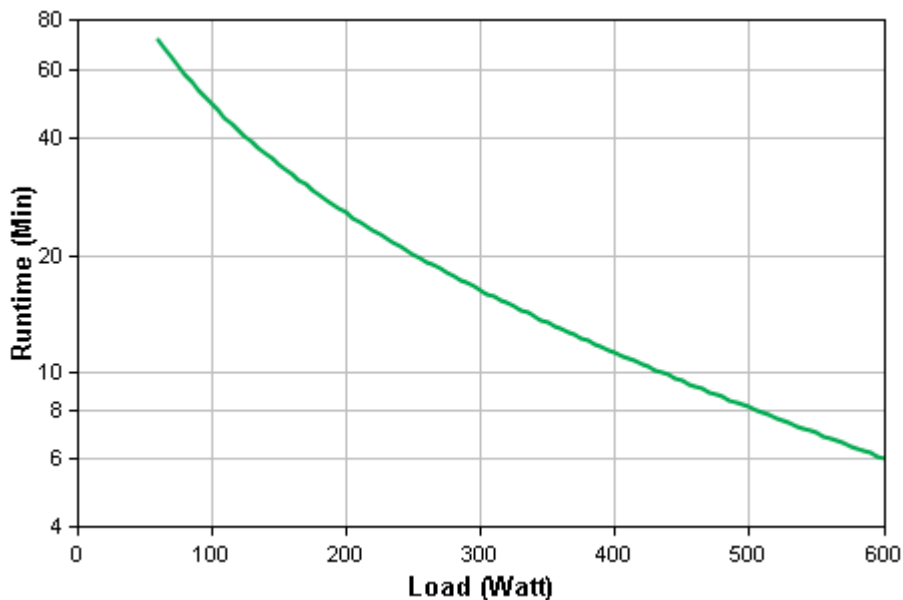
Nominal Input Voltage	230V
Input Frequency	50/60 Hz +/- 3 Hz (auto sensing)
Input Connections	IEC-320 C14
Input voltage range for main operations	180 - 287V
Input voltage adjustable range for mains operation	170 - 300V

### Batteries & Runtime

Battery Type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof
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Typical recharge time	3 hour(s)
Replacement Battery	<a href="#">APCRBC124</a> , <a href="#">APCRBC124J</a>
RBC™ Quantity	1

### Runtime Graph



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

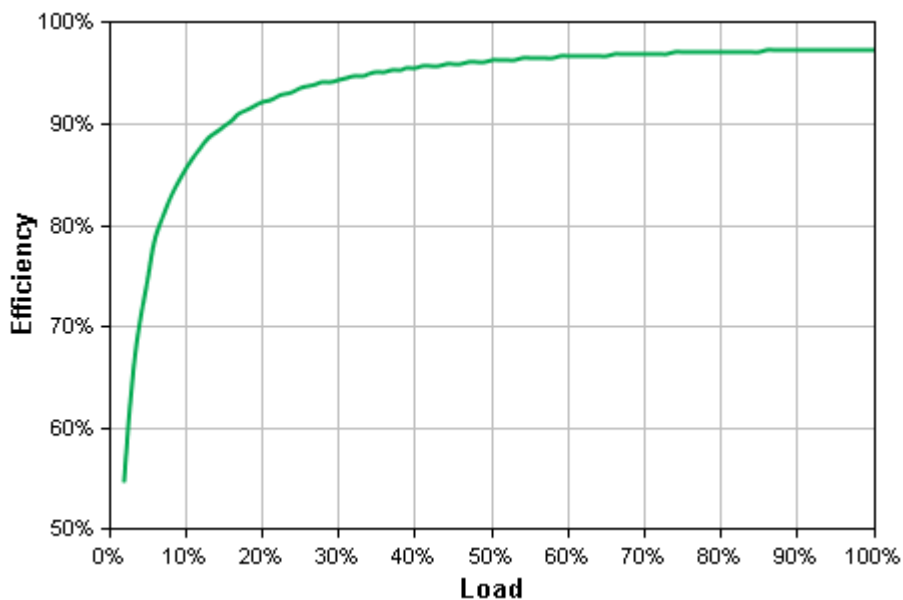
Curve fit to measured runtime data. All measurements taken with new, fully charged batteries, at typical environmental conditions, with no electrical input and balanced resistive load (PF = 1.0) output.

[View Enlarged Graph](#)

[View Runtime Chart](#)

### Energy Use/Efficiency

Load	Efficiency
25%	93.5%
50%	96.3%
75%	97.1%
100%	97.4%



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

Curve fit to measured efficiency data. All measurements taken in normal operating mode, at typical environmental conditions, with nominal electrical input and balanced resistive load (PF = 1.0) output.

[View Enlarged Graph](#)

## Communications & Management

Interface Port(s)	USB
Control panel	Multi-function LCD status and control console
Audible Alarm	Alarm when on battery : distinctive low battery alarm : configurable delays
Emergency Power Off (EPO)	--

## Surge Protection and Filtering

Surge energy rating	459 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
Maximum Width	432.00 mm
Maximum Depth	406.00 mm
Rack Height	2U
Net Weight	20.52 KG
Shipping Weight	22.33 KG
Shipping Height	241.00 mm
Shipping Width	546.00 mm
Shipping Depth	584.00 mm
Color	Black
Units per Pallet	16.00

## 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	42.00 dBA
Online Thermal Dissipation	46.00 BTU/hr

## Conformance

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

## Sustainable Offer Status

RoHS	Compliant
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REACH recharge to 90% of full battery capacity. REACH Contains No SVHC  
\*\*The time to recharge to 90% of full battery capacity is based on a load rate of 1/2 the full load rating of the UPS.