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## Smart-UPS

## SMC1000

### APC Smart-UPS C 1000VA LCD 120V

APC Smart-UPS, 600  
Watts / 1000 VA,  
Input 120V /  
Output 120V, Interface  
Port RJ-45 Serial, USB

**Includes:** CD with  
software, USB cable,  
User Manual

#### Product Category

Computer and Peripheral  
(5)

Home UPS (2)

Network and Server

> Smart-UPS

> Smart-UPS On-Line

> Symmetra

Data Center and Facility 3  
Phase (14)

UPS Management (7)



[More Images](#)

Return to  
Uninterruptible  
Power Supply  
(UPS)

#### Standard Lead Time:

Usually Ships within 2  
Weeks



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Technical Specifications	Product Overview	Documentation	Software & Firmware	Options	Ratings and Reviews
<b>Output</b>					
Output Power Capacity	600 Watts / 1000 VA				
Max Configurable Power	600 Watts / 1000 VA				
Nominal Output Voltage	120V				
Output Voltage Distortion	Less than 5% at full load				
Output Frequency (sync to mains)	50/60Hz +/- 3 Hz				
Waveform Type	Sine wave				
Output Connections	(8) NEMA 5-15R				
<b>Input</b>					
Nominal Input Voltage	120V				

Input Frequency	50/60 Hz +/- 3 Hz (auto sensing)
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Input Connections	NEMA 5-15P
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Cord Length	1.83 meters
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Input voltage range for main operations	93 - 130V
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Input voltage adjustable range for mains operation	85 - 136V
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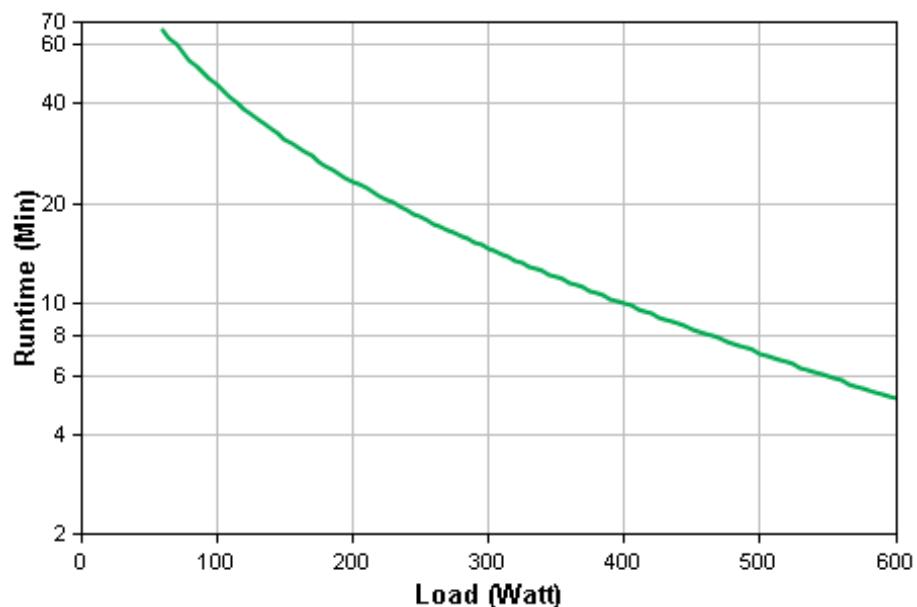
#### Batteries & Runtime

Battery Type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof
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Typical recharge time	3 hour(s)
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RBC™ Quantity	1
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#### Runtime Graph



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

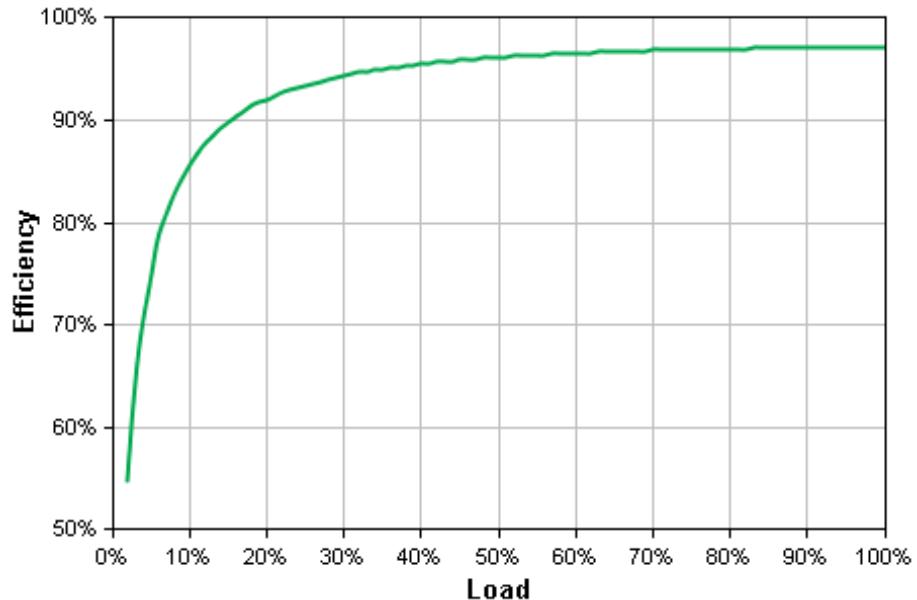
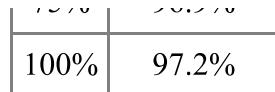
Curve fit to measured runtime data. All measurements taken with new, fully charged batteries, at typical environmental conditions, with no electrical input and balanced resistive load (PF = 1.0) output.

[View Enlarged Graph](#)

[View Runtime Chart](#)

#### Energy Use/Efficiency

Load	Efficiency
25%	93.5%
50%	96.2%
75%	96.9%



*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)	RJ-45 Serial,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	455 Joules
Filtering	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : meets UL 1449

#### Physical

Maximum Height	215.00 mm
Maximum Width	171.00 mm
Maximum Depth	439.00 mm
Net Weight	17.27 KG
Shipping Weight	19.55 KG
Shipping Height	376.00 mm

Shipping Width	328.00 mm
Shipping Depth	595.00 mm
Color	Black
Units per Pallet	24.00

**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	41.00 dBA
Online Thermal Dissipation	100.00 BTU/hr

**Conformance**

Regulatory Approvals	CSA,NOM,UL 1778
Standard Warranty	2 years repair or replace
Environmental Compliance	RoHS 7b Exemption,REACH: Contains No SVHCs

\*\*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.

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