



## Smart-UPS



### APC Smart-UPS 2200VA LCD 120V

APC Smart-UPS, 1980 Watts / 2200 VA, Input 120V / Output 120V, Interface Port DB-9 RS-232, USB, SmartSlot


**Includes:** CD with software, Documentation CD, Smart UPS signalling RS-232 cable, USB cable

**Standard Lead Time:** Usually Ships within 2 Weeks

## Output

Output Power Capacity	1980 Watts / 2200 VA
Max Configurable Power	1980 Watts / 2200 VA
Nominal Output Voltage	120V
Efficiency at Full Load	95%
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	3 : 1
Waveform Type	Sine wave
Output Connections	(8) NEMA 5-15R  (2) NEMA 5-20R 

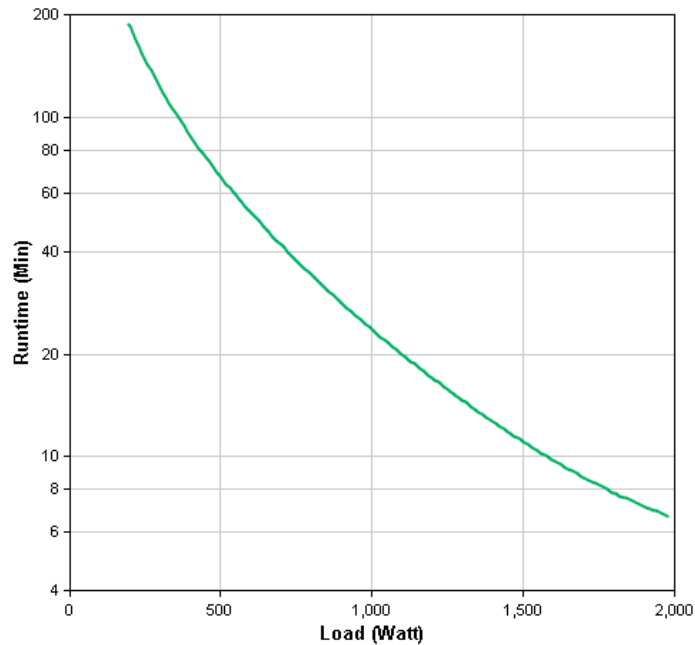
## Input

Nominal Input Voltage	120V
Input Frequency	50/60 Hz +/- 3 Hz (auto sensing)
Input Connections	NEMA 5-20P 
Cord Length	1.83 meters
Input voltage range for main operations	82 - 144V
Input voltage adjustable range for mains operation	75 - 154V

## Batteries & Runtime

Battery Type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof
Typical recharge time	3 hour(s)
Replacement Battery	<a href="#">RBC55</a>
RBC™ Quantity	1

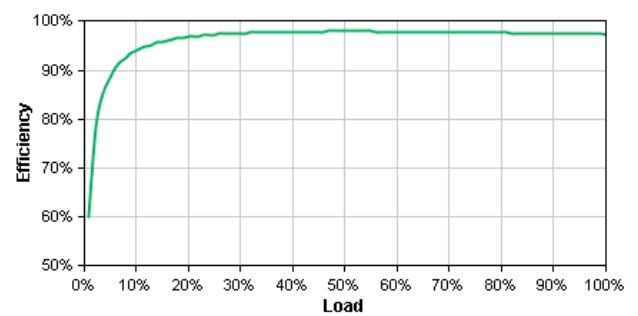
### Runtime Graph



*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.

## Energy Use/Efficiency



*Hover over the line on the graph above to view the efficiency 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 Chart](#)

## Communications & Management

Interface Port(s)	DB-9 RS-232,USB,SmartSlot
Available SmartSlot™ Interface Quantity	1
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)	Yes

## Surge Protection and Filtering

Surge energy rating	530 Joules
Filtering	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : meets UL 1449

## Physical

Maximum Height	432.00 mm
Maximum Width	196.00 mm
Maximum Depth	546.00 mm
Net Weight	50.91 KG
Shipping Weight	60.91 KG
Shipping Height	559.00 mm
Shipping Width	381.00 mm
Shipping Depth	762.00 mm
Color	Black
Units per Pallet	3.00

## 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	45.00 dBA
Online Thermal Dissipation	275.00 BTU/hr

## Conformance

Regulatory Approvals	CSA,FCC Part 15 Class A,UL 1778
Standard Warranty	3 years repair or replace (excluding battery) and 2 year for battery,optional on-site warranties available,optional extended warranties available
Environmental Compliance	RoHS 7b Exemption

\*\*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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