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## APC Smart-UPS X 750VA Rack/Tower LCD 120V

**Part Number: SMX750**



### Output

|                                  |                    |
|----------------------------------|--------------------|
| Output Power Capacity            | 600 Watts / 750 VA |
| Nominal Output Voltage           | 120V               |
| Output Voltage Distortion        | Less than 5%       |
| Output Frequency (sync to mains) | 47 - 63 Hz         |
| Crest Factor                     | 3 : 1              |
| Waveform Type                    | Sine wave          |
| Output Connections               | (8) NEMA 5-15R     |



### Input

|               |      |
|---------------|------|
| Nominal Input | 120V |
|---------------|------|

**Voltage**

Input Frequency 50/60 Hz +/- 3 Hz (auto sensing)

Input Connections NEMA 5-15P



Cord Length 8 feet (2.44 meters)

Input voltage range for main operations 82 - 143V

Input voltage adjustable range for mains operation 75 - 154V

Maximum Input Current 12A

Input Breaker Capacity 15A

**Batteries & Runtime**

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

Included Battery Modules 1

Available Battery Slots 1

Typical recharge time 3 hour(s)

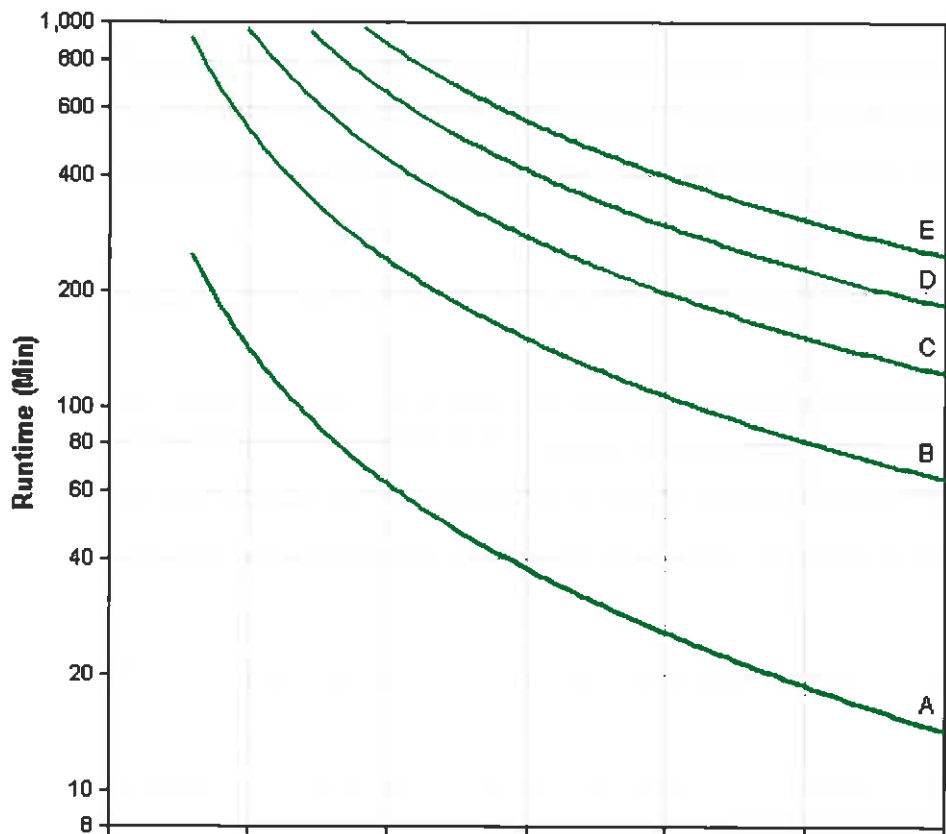
RBC™ Quantity 1

DC Overcurrent Protection 60A

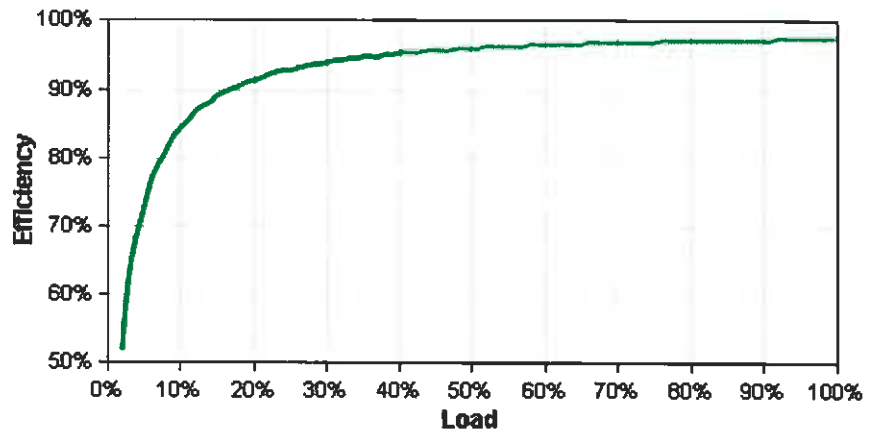
Extended Run Options [APC Smart-UPS X 750VA Rack/Tower LCD 120V](#)

Runtime Graph

| Curve | Part Number(s)                 |
|-------|--------------------------------|
| A     | SMX750                         |
| B     | SMX750<br>+ (1)<br>SMX48RMBP2U |
| C     | SMX750<br>+ (2)<br>SMX48RMBP2U |
| D     | SMX750<br>+ (3)<br>SMX48RMBP2U |
| E     | SMX750<br>+ (4)<br>SMX48RMBP2U |



## 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

Available 1  
SmartSlot™ Interface  
Quantity

Control panel Multi-function LCD status and control console

Audible Alarm Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm

Emergency Power Off Yes  
(EPO)

### Surge Protection and Filtering

|                     |  |
|---------------------|--|
| Surge energy rating | 645 Joules   |
| Filtering           | Full time multi-pole noise filtering : 5% IEEE surge let-through : zero clamping response time : meets UL 1449 |

**Physical**

|                  |                       |
|------------------|-----------------------|
| Maximum Height   | 17.00 inches (432 mm) |
| Maximum Width    | 3.50 inches (89 mm)   |
| Maximum Depth    | 19.30 inches (490 mm) |
| Rack Height      | 2U                    |
| Net Weight       | 48.50 lbs. (22.05 kg) |
| Shipping Weight  | 58.30 lbs. (26.50 kg) |
| Shipping Height  | 23.20 inches (589 mm) |
| Shipping Width   | 9.70 inches (246 mm)  |
| Shipping Depth   | 24.40 inches (620 mm) |
| Color            | Black                 |
| Units per Pallet | 16.00                 |

**Environmental**

|                             |                              |
|-----------------------------|------------------------------|
| Operating Environment       | 32 - 104 °F (0 - 40 °C)      |
| Operating Relative Humidity | 0 - 95%                      |
| Operating Elevation         | 0-10000 feet (0-3000 meters) |
| Storage Temperature         | 5 - 113 °F (-15 - 45 °C)     |
| Storage Relative Humidity   | 0 - 95%                      |

Storage Elevation 0-50000 feet (0-15000 meters)

Audible noise at 1 meter from surface of unit 40.00 dBA

Online Thermal Dissipation 69.00 BTU/hr

#### Conformance

Regulatory Approvals cUL Listed,UL 1778

Standard Warranty 3 years repair or replace (excluding battery) and 2 year for battery

Equipment protection policy Lifetime : \$150000

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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