APC Smart-UPS X 750VA Rack/Tower LCD 230V
Part Number: SMX750I

Technical Specifications   Product Overview   Documentation   Software & Firmware   Options   Ratings and Reviews

Output

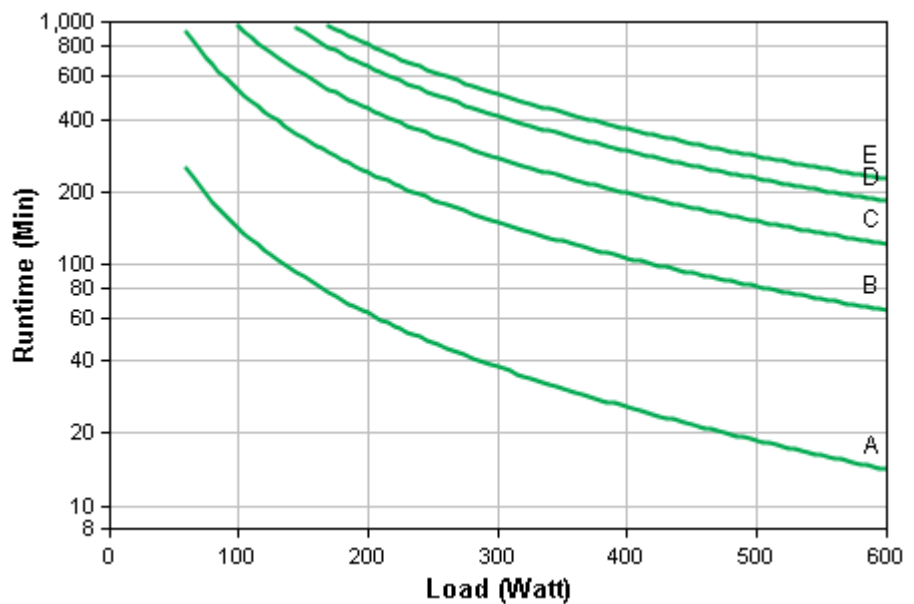|	
Output Power Capacity	600 Watts / 750 VA
Max Configurable Power	600 Watts / 750 VA
Nominal Output Voltage	230V
Output Voltage Distortion	Less than 5%
Output Frequency (sync to mains)	50/60Hz +/- 3 Hz
Topology	Line Interactive
Waveform Type	Sine wave
Output Connections	(8) IEC 320 C13 (2) IEC Jumpers

Input

Nominal Input Voltage	230V
Input Frequency	50/60 Hz +/- 3 Hz (auto sensing)
Input Connections	IEC-320 C14
Cord Length	1.83 meters
Input voltage range for main operations	160 - 286V
Input voltage adjustable range for mains operation	151 - 302V
Other Input Voltages	220, 240

Batteries & Runtime

Battery Type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof
Included Battery Modules	1
Available Battery Module Slots	1
Typical recharge time	3 hour(s)
Replacement Battery	APCRBC116
RBC™ Quantity	1
DC Overcurrent Protection	60A
Extended Run Options	APC Smart-UPS X 750VA Rack/Tower LCD 230V
Runtime Graph	

Curve	Part Number(s)
A	SMX750I
B	SMX750I + (1)SMX48RMBP2U
C	SMX750I + (2)SMX48RMBP2U
D	SMX750I + (3)SMX48RMBP2U
E	SMX750I + (4)SMX48RMBP2U

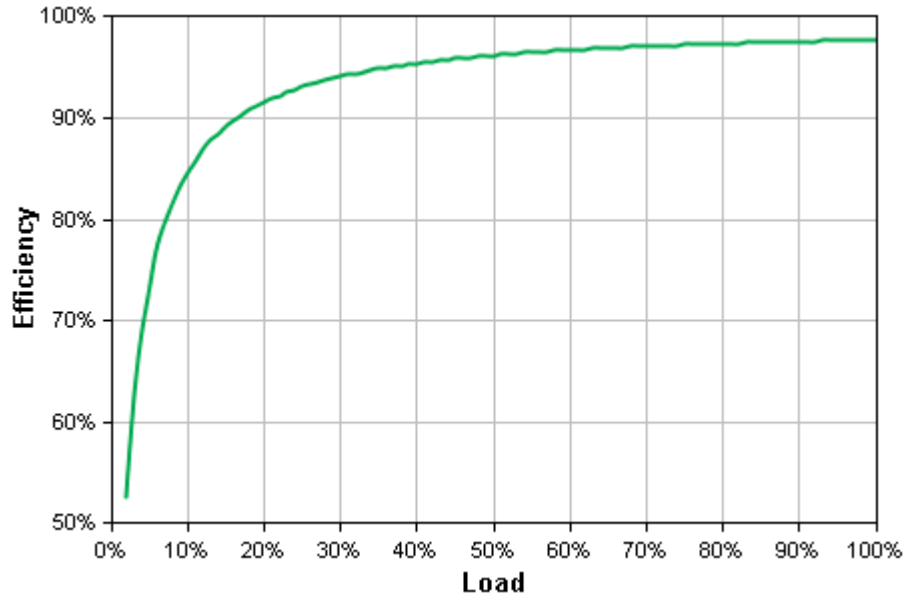*Hover over the line on the graph above to view the runtime at any desired load*

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%	93.1%
50%	96.2%
75%	97.3%
100%	97.7%

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 PF = 0.8 output.

View Enlarged Graph

Communications & Management

Interface Port(s)	SmartSlot, USB
Available SmartSlot™ Interface Quantity	1
Control panel	Multi-function LCD status and control console
Audible Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm

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	89.00 mm
Maximum Width	432.00 mm
Maximum Depth	490.00 mm
Rack Height	2U
Net Weight	22.05 KG

Shipping Weight	26.50 KG
Shipping Height	246.00 mm
Shipping Width	589.00 mm
Shipping Depth	620.00 mm
Color	Black
Units per Pallet	8.00

Environmental

Operating Environment	0 - 40 ℃
Operating Relative Humidity	0 - 95%
Operating Elevation	0-3000 meters
Storage Temperature	-15 - 45 ℃
Storage Relative Humidity	0 - 95%
Storage Elevation	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	C-tick, CE, EN 50091-1, EN 50091-2, VDE
Standard Warranty	3 years repair or replace (excluding battery) and 2 year for battery

Sustainable Offer Status

RoHS	Compliant
REACH	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.