




APC Smart-ups 750VA LCD RM 2U 230V

Part Number: SMT750RM12U



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

Output

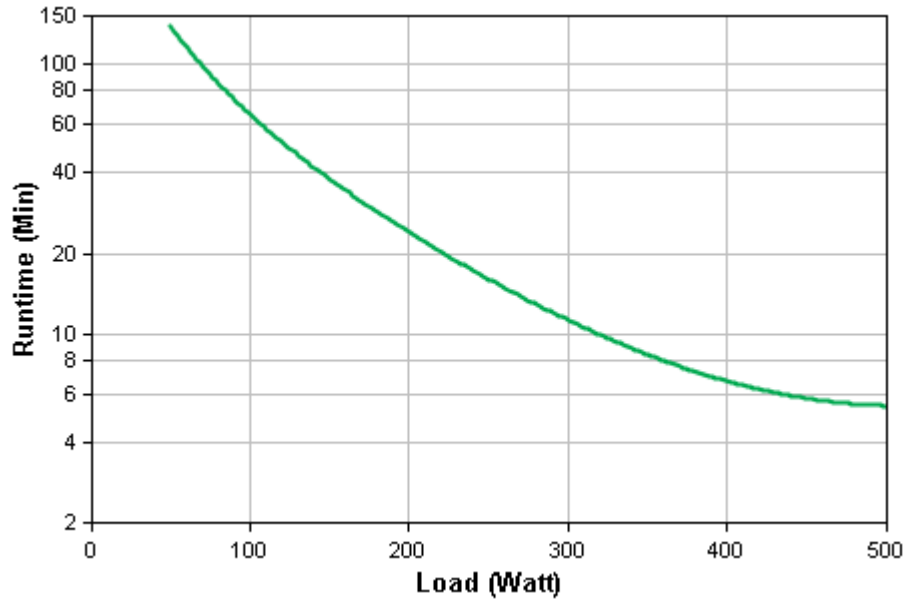
Output Power Capacity	500 Watts / 750 VA
Max Configurable Power	500 Watts / 750 VA
Nominal Output Voltage	230V
Output Voltage Note	Configurable for 220 : 230 or 240 nominal output voltage
Output Voltage Distortion	Less than 5% at full load
Output Frequency (sync to mains)	47 - 53 Hz for 50 Hz nominal, 57 - 63 Hz for 60 Hz nominal
Other Output Voltages	220, 240
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	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
Typical recharge time	3 hour(s)
Replacement Battery	APCRBC123 , APCRBC123J
RBC™ Quantity	1
Runtime Graph	



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

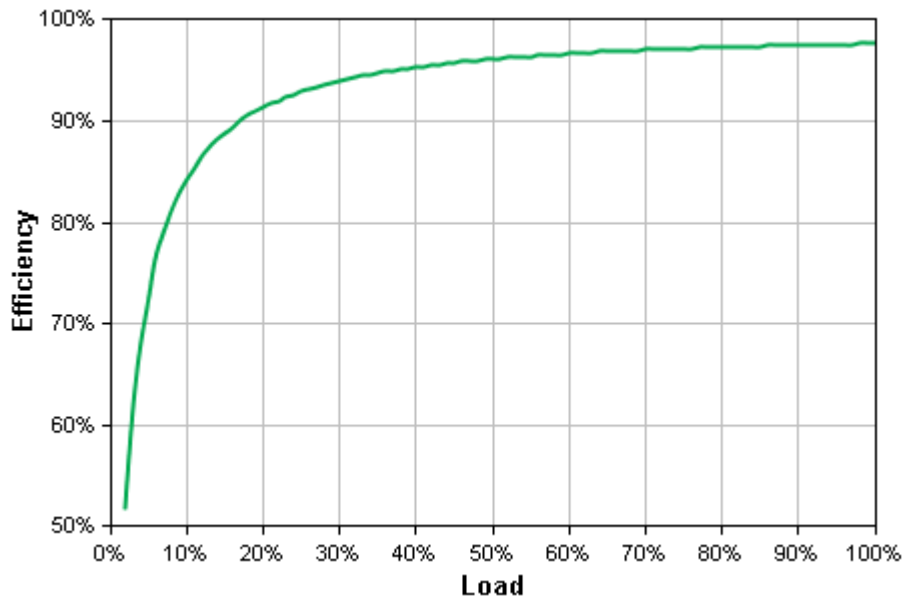
Curve fit to measured runtime data. All measurements taken with new, fully charged batteries, at typical environmental conditions, with no electrical input and balanced resistive load (PF = 1.0) output.

[View Enlarged Graph](#)

[View Runtime Chart](#)

Energy Use/Efficiency

Load	Efficiency
25%	92.9%
50%	96.1%
75%	97.2%
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 resistive load (PF = 1.0) output.

[View Enlarged Graph](#)

Communications & Management

Interface Port(s)	RJ-45 Serial, 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 : configurable delays
Emergency Power Off (EPO)	Optional

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	17.27 KG
Shipping Weight	21.23 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, EN 50091-1, EN 50091-2, TUV, 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.