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APC Smart-UPS XL Modular 1500VA 120V Rackmount/Tower

Part Number: SUM1500RMXL2U



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

Output	
Output Power Capacity	1425 Watts / 1440 VA
Max Configurable Power	1425 Watts / 1440 VA
Nominal Output Voltage	120V
Output Connections	(8) NEMA 5-15R 
Bypass	Internal Bypass (Automatic and Manual)
Input	
Nominal Input Voltage	120V
Input Frequency	50/60 Hz +/- 3 Hz (auto sensing)
Input Connections	

NEMA 5-15P



Cord Length 10 feet (3.05 meters)

Input voltage range for main operations 82 - 147V

Input voltage adjustable range for mains operation 75 - 154V

Batteries & Runtime

Battery Type VRLA

Typical recharge time 3 hour(s)

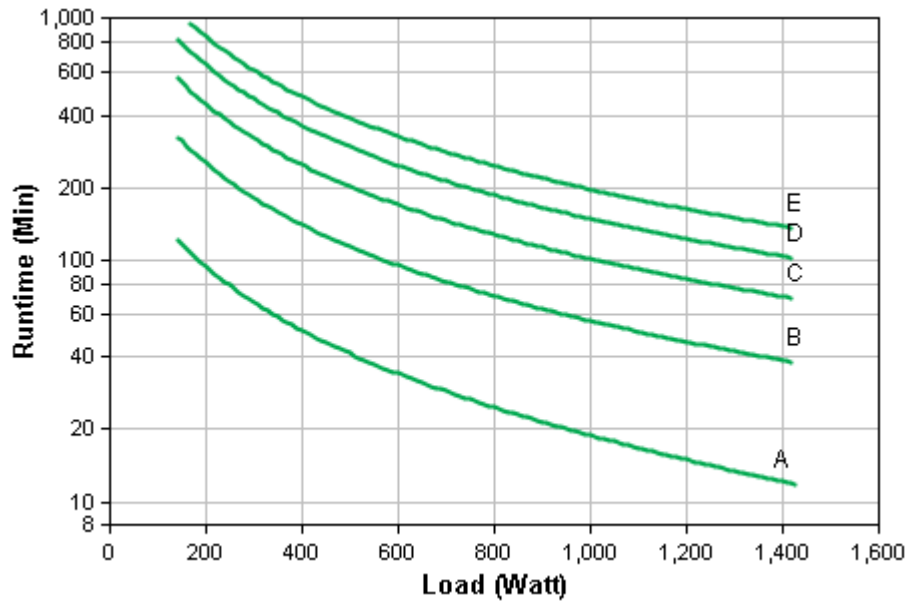
Replacement Battery [RBC43](#)

RBC™ Quantity 1

Extended Run Options [APC Smart-UPS XL Modular 1500VA 120V Rackmount/Tower](#)

Runtime Graph

Curve	Part Number(s)
A	SUM1500RML2U
B	SUM1500RML2U + (1)SUM48RMLBP2U
C	SUM1500RML2U + (2)SUM48RMLBP2U
D	SUM1500RML2U + (3)SUM48RMLBP2U
E	SUM1500RML2U + (4)SUM48RMLBP2U



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

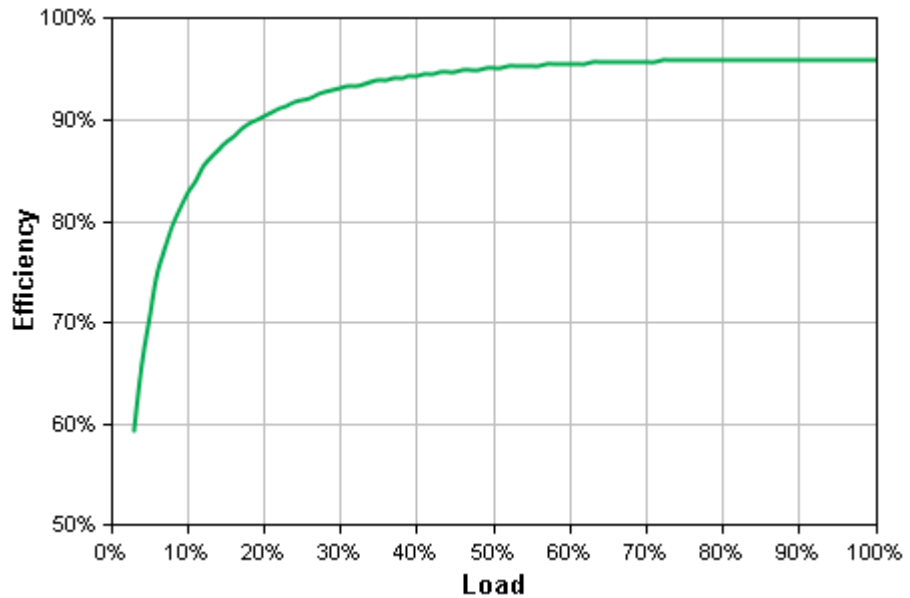
Curve fit to measured runtime data. All measurements taken with new, fully charged batteries, at typical environmental conditions, with no electrical input and balanced resistive load (PF = 1.0) output.

[View Enlarged Graph](#)

[View Runtime Chart](#)

Energy Use/Efficiency

Load	Efficiency
25%	92.0%
50%	95.2%
75%	95.9%
100%	96.0%



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)	DB-9 RS-232,RJ-45 10/100 Base-T,USB
Pre-Installed SmartSlot™ Cards	AP9631
Control panel	LED status display with load and battery bar-graphs and On Line : On Battery : Replace Battery : Overload and Bypass Indicators
Audible Alarm	Alarm when on battery : distinctive low battery alarm : configurable delays
Emergency Power Off (EPO)	Optional

Surge Protection and Filtering

Surge energy rating	540 Joules
Filtering	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : meets UL 1449

Physical

Maximum Height	3.40 inches (86 mm)
Maximum Width	17.00 inches (432 mm)
Maximum Depth	26.70 inches (678 mm)

Rack Height	2U
Net Weight	103.00 lbs. (46.82 kg)
Shipping Weight	125.00 lbs. (56.82 kg)
Shipping Height	9.84 inches (250 mm)
Shipping Width	23.46 inches (596 mm)
Shipping Depth	38.58 inches (980 mm)
Color	Black
Units per Pallet	8.00
Environmental	
Operating Environment	32 - 104 °F (0 - 40 °C)
Operating Relative Humidity	0 - 95%
Operating Elevation	0-10000 feet (0-3000 meters)
Storage Temperature	23 - 131 °F (-5 - 55 °C)
Storage Relative Humidity	0 - 95%
Storage Elevation	0-30000 feet (0-9000 meters)
Audible noise at 1 meter from surface of unit	55.00 dBA
Online Thermal Dissipation	300.00 BTU/hr
Conformance	
Regulatory Approvals	BSMI,CSA,FCC Part 15 Class A,NOM,UL 1778,VCCI
Standard Warranty	2 years repair or replace
Equipment protection policy	Lifetime : \$150000
Environmental Compliance	RoHS 7b Exemption

*Except where noted, all prices are Estimated Resale Price (ERP) - Without Tax/VAT. Pricing in other locations and sites may vary.

**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.