



APC Smart-UPS X 1500VA Rack/Tower LCD 120V

Part Number: SMX1500RM2U



Output

Output Power Capacity	1200 Watts / 1500 VA	
Nominal Output Voltage	120V	
Output Frequency (sync to mains)	47 - 63 Hz	
Crest Factor	3 : 1	
Waveform Type	Sine wave	
Output Connections	(8) NEMA 5-15R	

Input

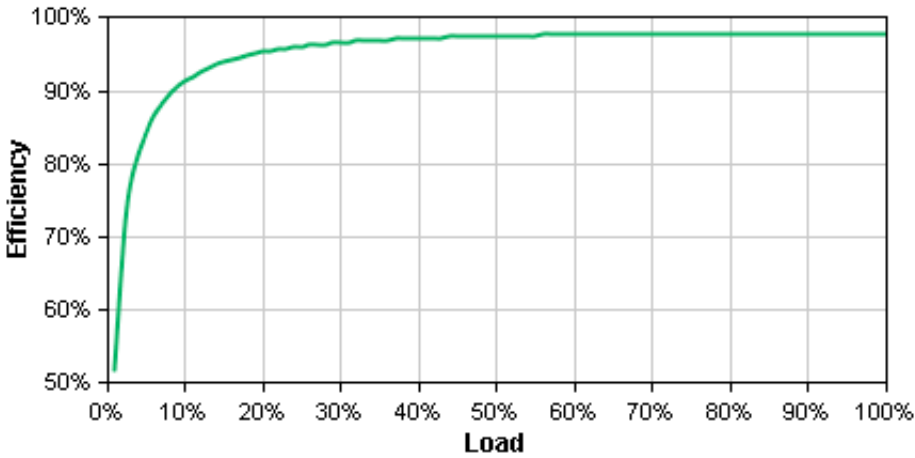
Nominal Input Voltage	120V	
Input Frequency	50/60 Hz +/- 3 Hz (auto sensing)	
Input Connections	NEMA 5-15P	
Cord Length	2.44 meters	
Input voltage range for main operations	82 - 143V	
Input voltage adjustable range for mains operation	75 - 154V	
Maximum Input Current	12A	
Input Breaker Capacity	20A	

Batteries & Runtime

Battery Type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof
Typical recharge time	3 hour(s)
RBC™ Quantity	1
Typical Backup Time at Half Load	17.2 minutes (600 Watts)
Typical Backup Time at Full Load	5.8 minutes (1200 Watts)
Runtime Chart	Smart-UPS
Extended Run Options	APC Smart-UPS X 1500VA Rack/Tower LCD 120V

Energy Use/Efficiency

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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 Chart](#)

Communications & Management

Available SmartSlot™ Interface Quantity1	
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 (EPO)	Yes

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	24.82 KG
Shipping Weight	30.00 KG
Shipping Height	246.00 mm
Shipping Width	589.00 mm
Shipping Depth	620.00 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	40.00 dBA
Online Thermal Dissipation	133.00 BTU/hr

Conformance

Regulatory Approvals	cUL Listed,UL 1778
Standard Warranty	3 years repair or replace (excluding battery) and 2 year for battery
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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