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APC Smart-UPS X 3000VA Rack/Tower LCD 100-127V with Network Card

Part Number: SMX3000RMLV2UNC



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

Output

Output Power Capacity	2700 Watts / 2880 VA	
Nominal Output Voltage	120V	
Output Voltage Distortion	Less than 5%	
Output Frequency (sync to mains)	50/60Hz +/- 3 Hz	
Topology	Line Interactive	
Waveform Type	Sine wave	
Output Connections	(3) NEMA 5-15R	
	(3) NEMA 5-20R	
	(1) NEMA L5-30R	

Input

Nominal Input Voltage	120V
Input Frequency	50/60 Hz +/- 3 Hz (auto sensing)
Input Connections	

NEMA L5-30P



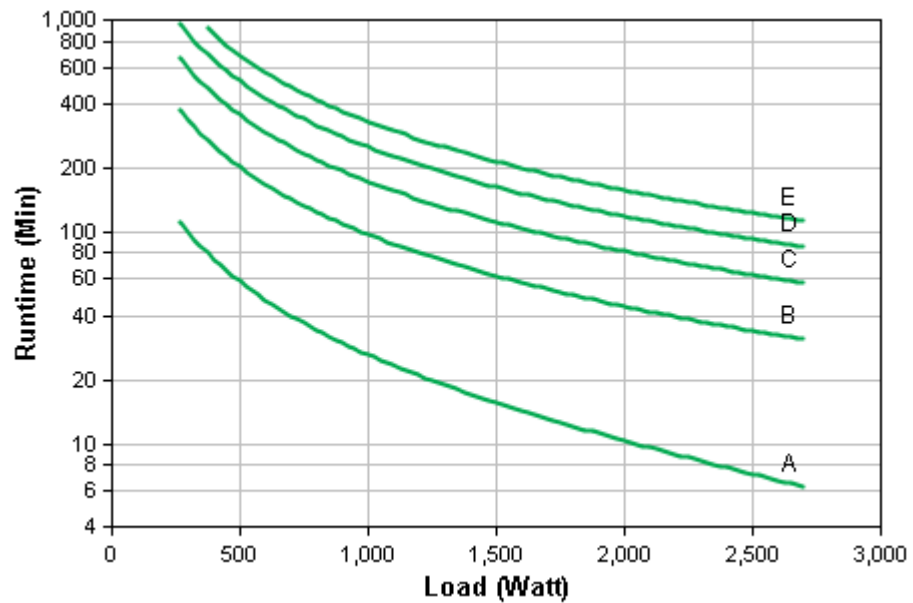
Cord Length	8 feet (2.44 meters)
Input voltage range for main operations	70 - 153V
Transfer Time	2-4 ms

Batteries & Runtime

Battery Type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof
Typical recharge time	3 hour(s)
Replacement Battery	APCRBC117
RBC™ Quantity	1
Extended Run Options	APC Smart-UPS X 3000VA Rack/Tower LCD 100-127V with Network Card

Runtime Graph

Curve	Part Number(s)
A	SMX3000RMLV2UNC
B	SMX3000RMLV2UNC + (1) SMX120RMBP2U
C	SMX3000RMLV2UNC + (2) SMX120RMBP2U
D	SMX3000RMLV2UNC + (3) SMX120RMBP2U
E	SMX3000RMLV2UNC + (4) SMX120RMBP2U



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.

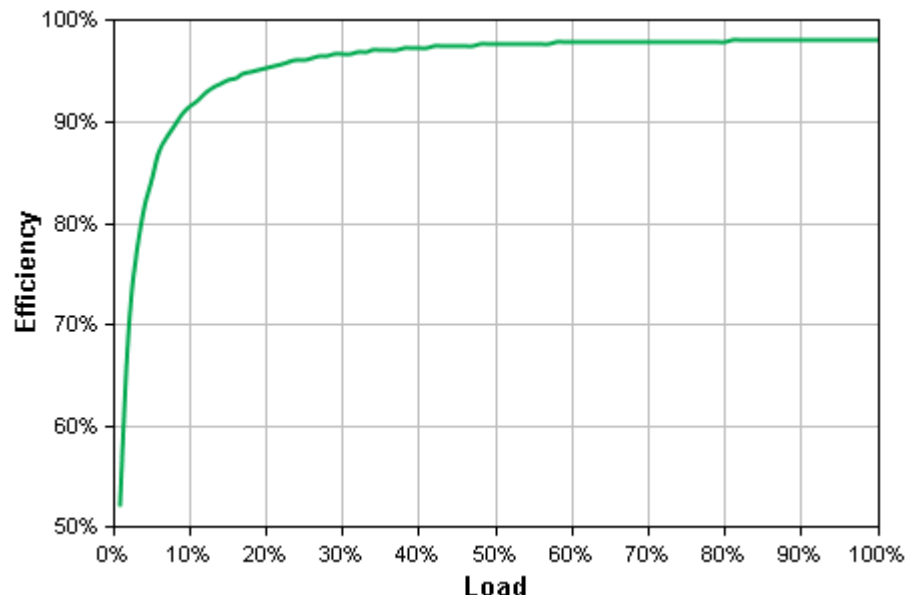
[View Enlarged Graph](#)

[View Runtime Chart](#)

Energy Use/Efficiency



Load	Efficiency
25%	96.2%
50%	97.7%
75%	98.0%
100%	98.0%



Communications & Management

Interface Port(s)	SmartSlot
Pre-Installed SmartSlot™ Cards	AP9631
Control panel	LED status display with On Line : On Battery : Replace Battery and Overload indicators, Multi-function LCD status and control console
Audible Alarm	Alarm when on battery : distinctive low battery alarm : configurable delays
Emergency Power Off (EPO)	Yes

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
Data Line Protection	--

Physical

Maximum Height	3.36 inches (85 mm)
Maximum Width	17.00 inches (432 mm)
Maximum Depth	26.26 inches (667 mm)
Rack Height	2U
Net Weight	84.60 lbs. (38.45 kg)
Shipping Weight	99.79 lbs. (45.36 kg)
Shipping Height	9.58 inches (243 mm)
Shipping Width	23.48 inches (596 mm)
Shipping Depth	34.23 inches (869 mm)
Color	Black
Units per Pallet	8.00
# of Layers per Pallet	4
# of Units per Layer per Pallet	2
Pallet Weight	855.12 lbs. (388.69 kg)

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	55.00 dBA

surface of unit

Online Thermal Dissipation	276.00 BTU/hr
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Conformance

Regulatory Approvals	BSMI, CSA, EN 50091-2, EN 55022 Class A, FCC Part 15 Class A, NOM, TUV, UL 1778, VCCI Class A
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Standard Warranty	3 years repair or replace (excluding battery) and 2 year for battery, optional extended warranties available, optional on-site warranties available
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Equipment protection policy	Lifetime : \$150000
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Sustainable Offer Status

RoHS	Compliant
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REACH	REACH: Contains No SVHCs
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PEP	Available in Documentation tab
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EOLI	Available in Documentation tab
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*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.