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

Part Number: SMX3000LV



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

Output

Output Power Capacity	2700 Watts / 3000 VA
Max Configurable Power	2700 Watts / 3000 VA
Nominal Output Voltage	120V
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
Topology	Line Interactive
Waveform Type	Sine wave
Output Connections	(6) 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 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

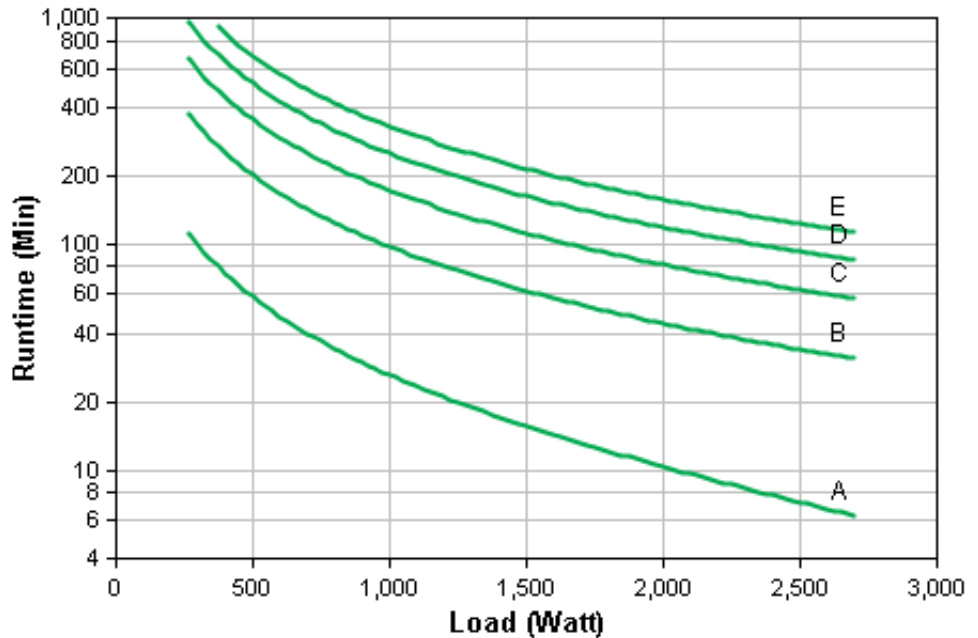
Typical recharge time 3 hour(s)

RBC™ Quantity 1

Extended Run Options [APC Smart-UPS X 3000VA Rack/Tower LCD 100-127V](#)

Runtime Graph

Curve	Part Number(s)
A	SMX3000LV
B	SMX3000LV + (1)SMX120BP
C	SMX3000LV + (2)SMX120BP
D	SMX3000LV + (3)SMX120BP
E	SMX3000LV + (4)SMX120BP



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

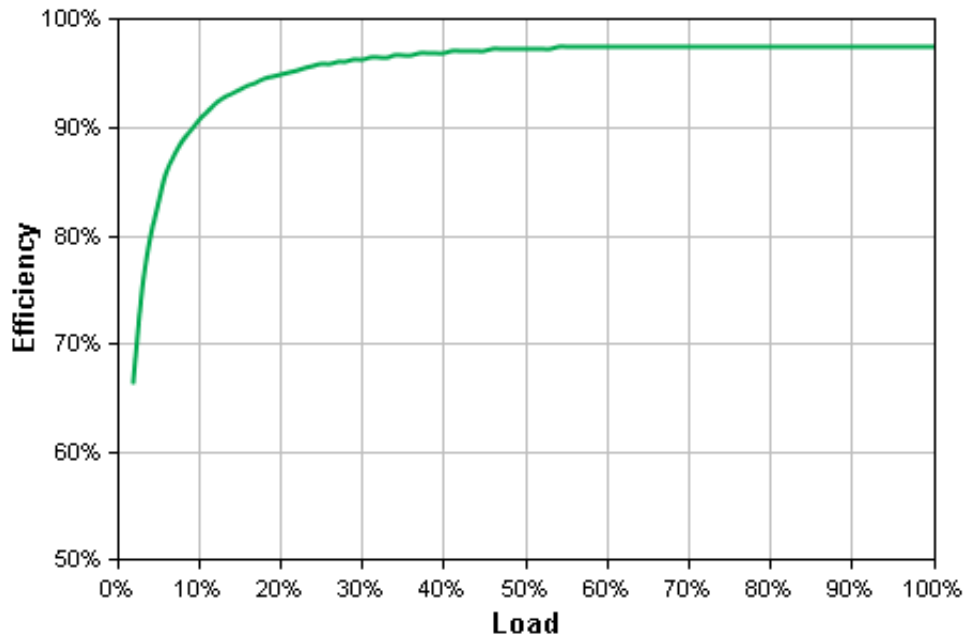
typical environmental conditions, with no electrical input and balanced resistive load (PF = 1.0) output.

[View Enlarged Graph](#)

[View Runtime Chart](#)

Energy Use/Efficiency

Load	Efficiency
25%	95.9%
50%	97.4%
75%	97.6%
100%	97.5%



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)	SmartSlot
Available SmartSlot™ Interface Quantity	1
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	432.00 mm
Maximum Width	178.00 mm
Maximum Depth	483.00 mm
Rack Height	4U
Net Weight	38.64 KG
Shipping Weight	47.73 KG
Shipping Height	330.00 mm
Shipping Width	586.00 mm
Shipping Depth	633.00 mm
Color	Black
Units per Pallet	6.00
# of Layers per Pallet	4
# of Units per Layer per Pallet	2
Pallet Weight	388.69 KG

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	55.00 dBA
Online Thermal Dissipation	276.00 BTU/hr

Conformance

Regulatory Approvals	BSMI, CSA, EN 50091-2, EN 55022 Class A, FCC Part 15 Class A, NOM, TUV, UL 1778, VCCI Class A
Standard Warranty	3 years repair or replace (excluding battery) and 2 year for battery, optional on-site warranties available, optional extended warranties available

Sustainable Offer Status

RoHS	Compliant
REACH	REACH: Contains No SVHCs