



APC Smart-UPS X 2000VA Rack/Tower LCD 100-127V
Part Number: SMX2000LV



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

Output

Output Power Capacity	1800 Watts / 1920 VA
Max Configurable Power	1800 Watts / 1920 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	(6) NEMA 5-15R
	(3) NEMA 5-20R
	(1) NEMA L5-20R



Input

Nominal Input Voltage	120V
Input Frequency	50/60 Hz +/- 3 Hz (auto sensing)
Input Connections	NEMA 5-20P
Cord Length	8 feet (2.44 meters)



Input voltage range for main operations 70 - 153V

Input voltage adjustable range for mains operation 75 - 154V

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)

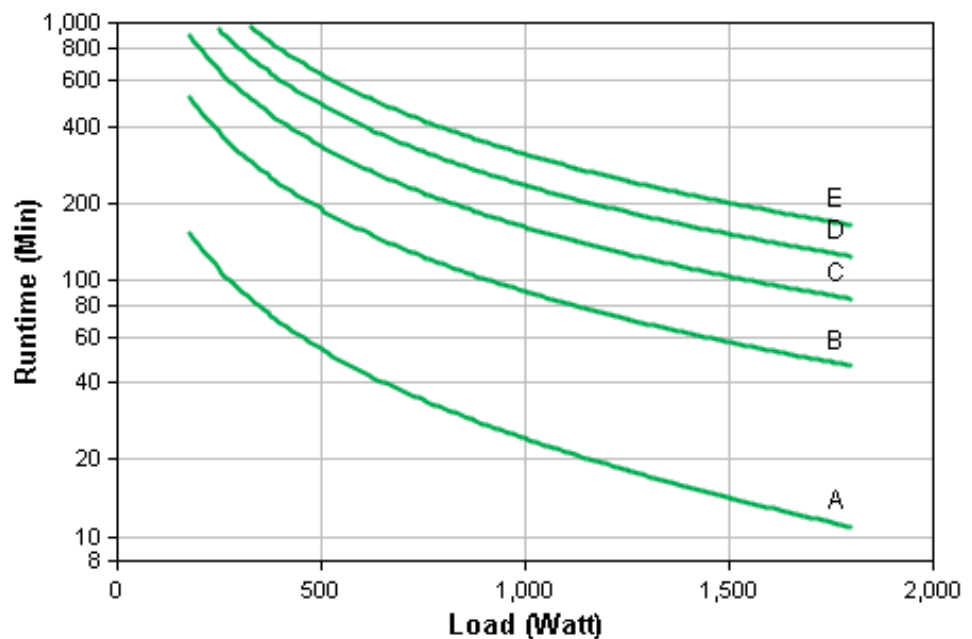
Replacement Battery [CURK143-01-04, APCRBC143](#)
(Service center technician only)

RBC Quantity 1

Extended Run Options [APC Smart-UPS X 2000VA Rack/Tower LCD 100-127V](#)

Runtime Graph

Curve	Part Number(s)
A	SMX2000LV
B	SMX2000LV + (1)SMX120BP
C	SMX2000LV + (2)SMX120BP
D	SMX2000LV + (3)SMX120BP
E	SMX2000LV + (4)SMX120BP



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

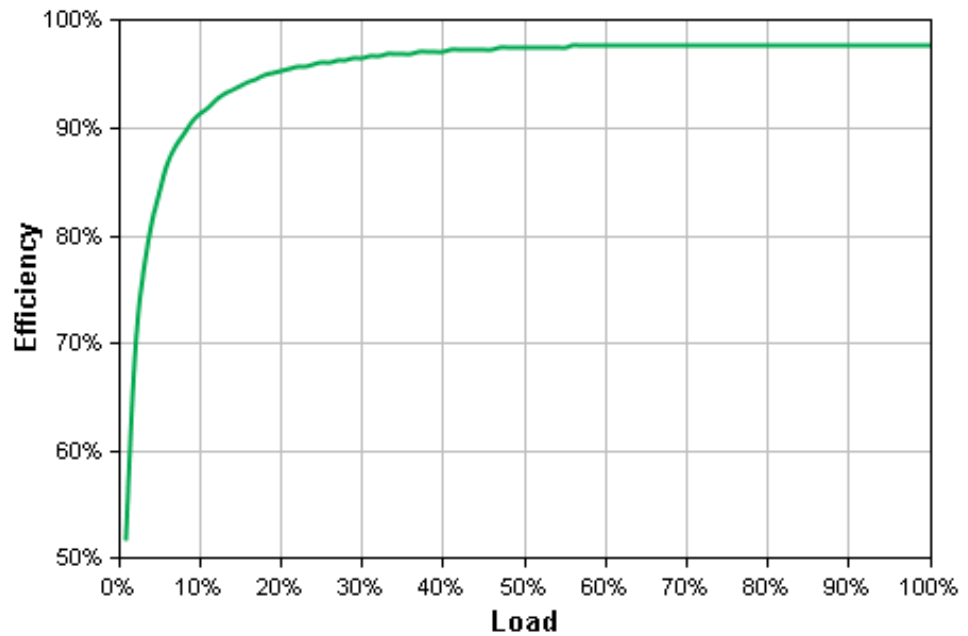
Curve fit to measured runtime data. All measurements taken with new, fully charged batteries, at typical environmental conditions, with no electrical input and balanced resistive load (PF = 1.0) output.

[View Enlarged Graph](#)

[View Runtime Chart](#)

Energy Use/Efficiency

Load	Efficiency
25%	96.1%
50%	97.5%
75%	97.8%
100%	97.8%



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

Curve fit of data measured in accordance with the ENERGY STAR Program Requirements Product Specification for Uninterruptible Power Supplies (UPSs) - Eligibility Criteria Version 1.0. All measurements taken in normal mode(s), at typical environmental conditions, with 120V/60Hz 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	17.00 inches (432 mm)
Maximum Width	7.00 inches (178 mm)
Maximum Depth	19.00 inches (483 mm)
Rack Height	4U
Net Weight	85.00 lbs. (38.64 kg)
Shipping Weight	105.00 lbs. (47.73 kg)
Shipping Height	13.00 inches (330 mm)
Shipping Width	23.06 inches (586 mm)
Shipping Depth	24.94 inches (633 mm)
Color	Black
Units per Pallet	6.00
# 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 surface of unit	55.00 dBA
Online Thermal Dissipation	203.00 BTU/hr

Conformance

Approvals	BSMI, CSA, EN 50091-2, EN 55022 Class A, ENERGY STAR (USA), 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
Equipment protection policy	Lifetime : \$150000

Sustainable Offer Status

RoHS	Compliant
REACH	REACH: Contains No SVHCs

*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.