APC Smart-UPS X 2000VA Rack/Tower LCD 100-127V

Part Number: SMX2000RMLV2U

Output

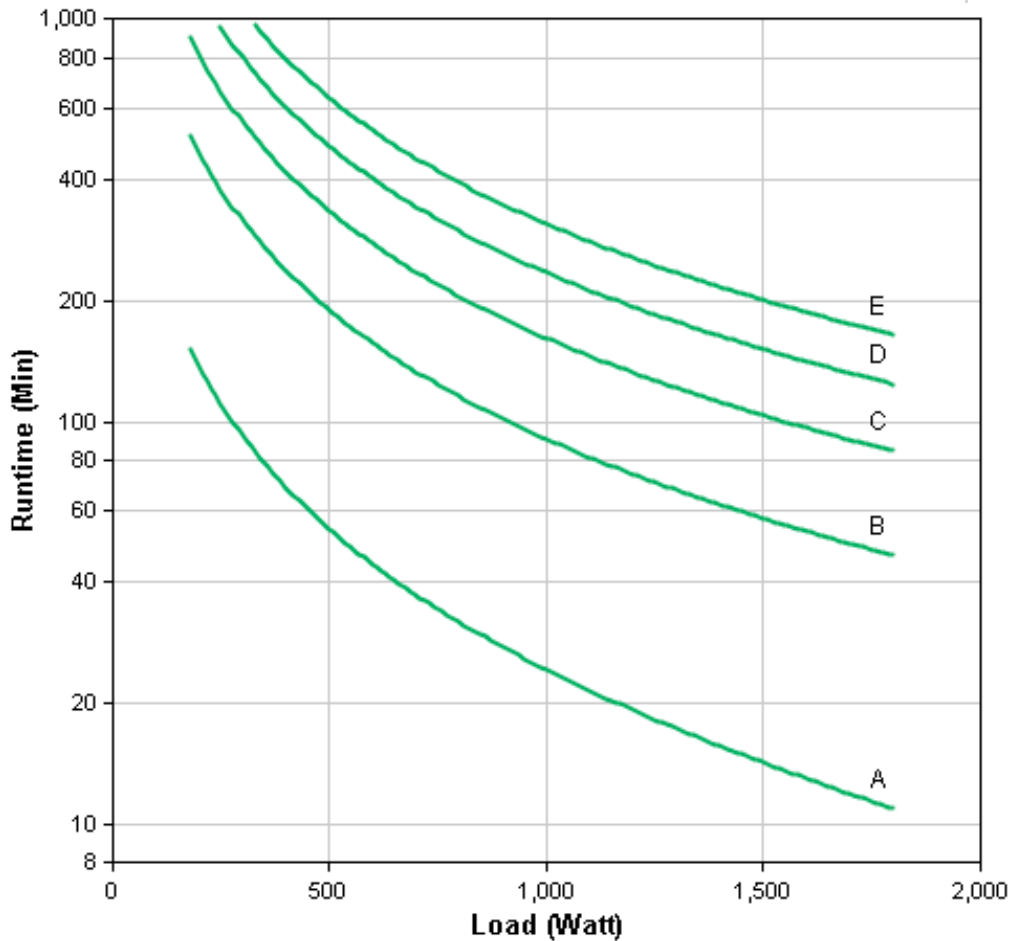|	
Output Power Capacity	1800 Watts / 1920 VA
Max Configurable Power	1800 Watts / 1920 VA
Nominal Output Voltage	120V
Efficiency at Full Load	98%
Output Voltage Distortion	Less than 5% at full load
Output Frequency (sync to mains)	47 - 53 Hz for 50 Hz nominal,57 - 63 Hz for 60 Hz nominal
Waveform Type	Sine wave
Output Connections	(3) 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	2.44 meters
Input voltage range for main operations	82 - 147V
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	APCRBC117
RBC™ Quantity	1

Runtime Graph

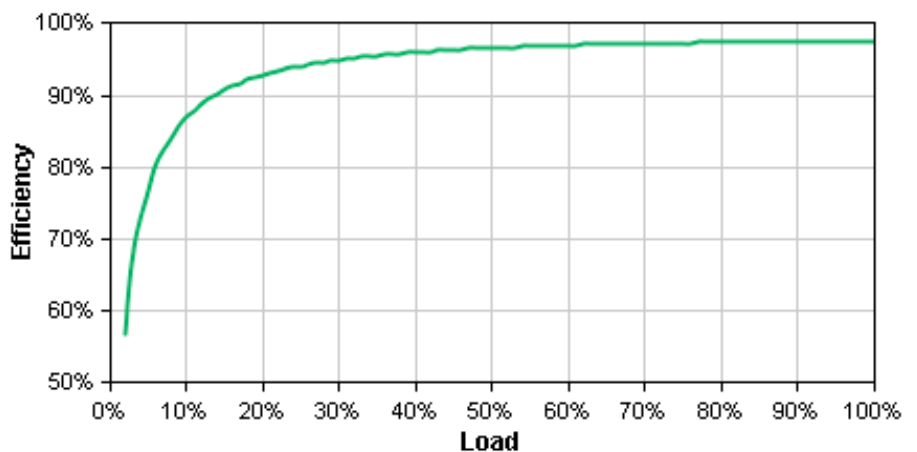| Curve	Part Number(s)
A	SMX2000RMLV2U
B	SMX2000RMLV2U + (1)SMX120RMBP2U
C	SMX2000RMLV2U + (2)SMX120RMBP2U
D	SMX2000RMLV2U + (3)SMX120RMBP2U
E	SMX2000RMLV2U + (4)SMX120RMBP2U

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

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 Chart

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	85.00 mm
Maximum Width	432.00 mm
Maximum Depth	667.00 mm
Rack Height	2U
Net Weight	38.45 KG
Shipping Weight	45.36 KG
Shipping Height	243.00 mm
Shipping Width	596.00 mm
Shipping Depth	869.00 mm
Color	Black
Units per Pallet	8.00
# 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	203.00 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
Environmental Compliance	RoHS 7b Exemption,REACH: Contains No SVHCs

**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.