



APC Smart-UPS X 3000VA Rack/Tower LCD 200-240V

Part Number: SMX3000RMHV2U



[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	230V
Output Voltage Distortion	Less than 5%
Output Frequency (sync to mains)	50/60Hz +/- 3 Hz
Other Output Voltages	208, 220, 240
Crest Factor	3 : 1
Topology	Line Interactive
Waveform Type	Sine wave
Output Connections	(8) IEC 320 C13
	(1) IEC 320 C19
	(2) IEC Jumpers



Input

Nominal Input Voltage	208V, 230V
Input Frequency	50/60 Hz +/- 3 Hz (auto sensing)
Input Connections	IEC-320 C20 Schuko CEE 7 / EU1-16P British BS1363A
Cord Length	1.83 meters

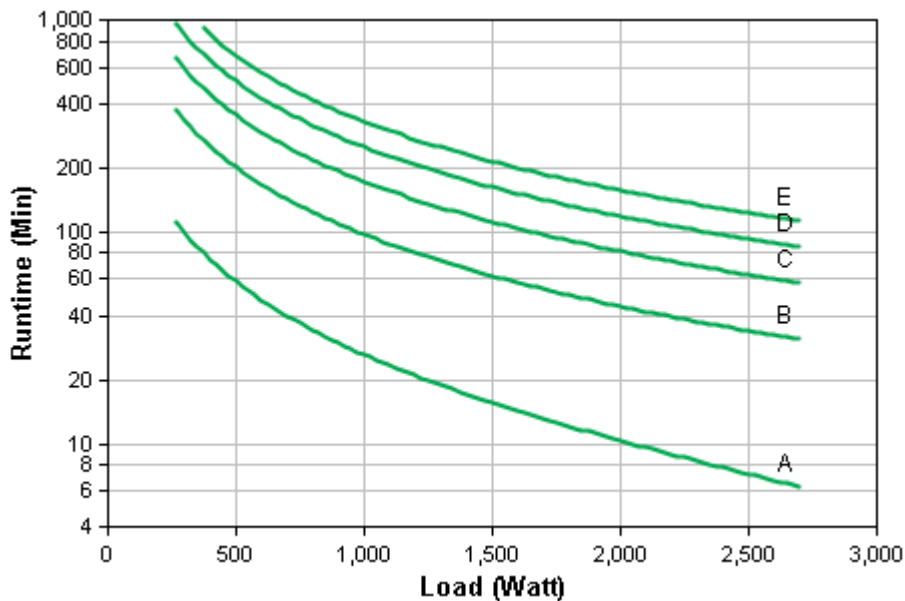
Input voltage range for main operations	140 - 280V
Other Input Voltages	220, 240
Transfer Time	2-4 ms

Batteries & Runtime

Battery Type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof
Typical recharge time	3 hour(s)
Replacement Battery	APCRBC117 , APCRBC117J
RBC™ Quantity	1
Extended Run Options	APC Smart-UPS X 3000VA Rack/Tower LCD 200-240V

Runtime Graph

Curve	Part Number(s)
A	SMX3000RMHV2U
B	SMX3000RMHV2U + (1)SMX120RMBP2U
C	SMX3000RMHV2U + (2)SMX120RMBP2U
D	SMX3000RMHV2U + (3)SMX120RMBP2U
E	SMX3000RMHV2U + (4)SMX120RMBP2U



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

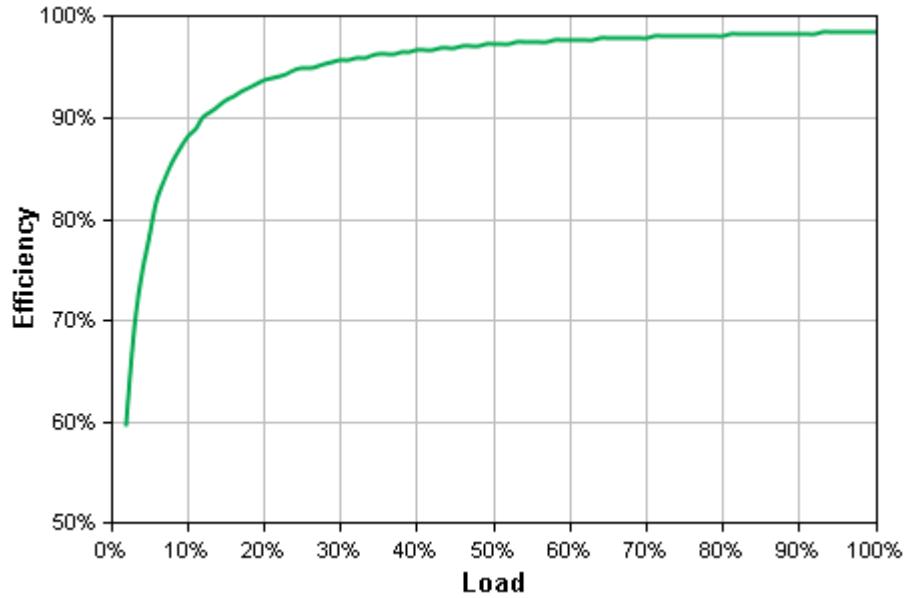
Curve fit to measured runtime data. All measurements taken with new, fully charged batteries, at typical environmental conditions, with no electrical input and balanced resistive load (PF = 1.0) output.

[View Enlarged Graph](#)

[View Runtime Chart](#)

Energy Use/Efficiency

Load	Efficiency
25%	94.9%
50%	97.3%
75%	98.1%
100%	98.5%



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	645 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	37.32 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
Pallet Dimensions	39.37 inches
# 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	184.00 BTU/hr

Conformance

Regulatory Approvals	C-tick, CE, EN 50091-1, EN 50091-2, EN 60950, FCC Part 15 Class A, GOST, IRAM, UL 1778, VDE
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

**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.