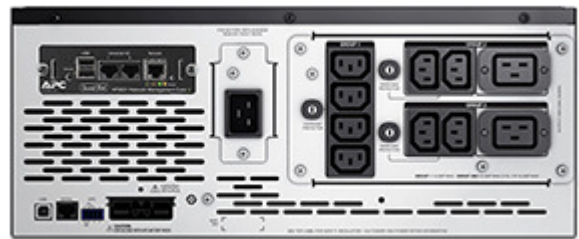




APC Smart-UPS X 3000VA Rack/Tower LCD 200-240V with Network Card

Part Number: SMX3000HVNC



[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
Topology	Line Interactive
Waveform Type	Sine wave
Output Connections	(8) IEC 320 C13 (2) IEC 320 C19 (2) IEC Jumpers



Input

Nominal Input Voltage	208V, 230V
Input Frequency	50/60 Hz +/- 3 Hz (auto sensing)
Input Connections	British BS1363A IEC-320 C20 Schuko CEE 7/EU1-16P
Cord Length	2.44 meters
Input voltage range for main	140 - 280V

operations

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)

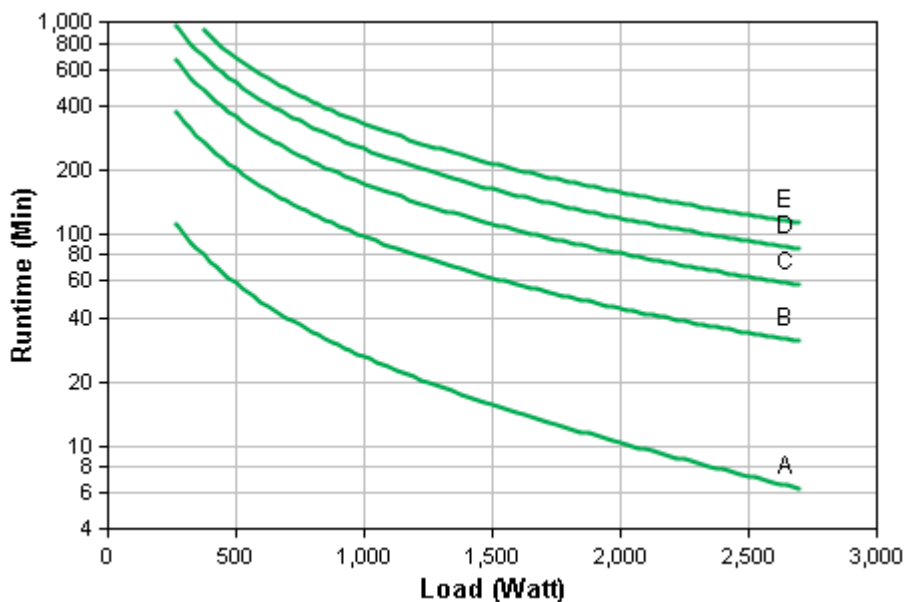
Replacement Battery [APCRBC143](#)

RBC™ Quantity 1

Extended Run Options [APC Smart-UPS X 3000VA Rack/Tower LCD 200-240V with Network Card](#)

Runtime Graph

Curve	Part Number(s)
A	SMX3000HVNC
B	SMX3000HVNC + (1)SMX120BP
C	SMX3000HVNC + (2)SMX120BP
D	SMX3000HVNC + (3)SMX120BP
E	SMX3000HVNC + (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.

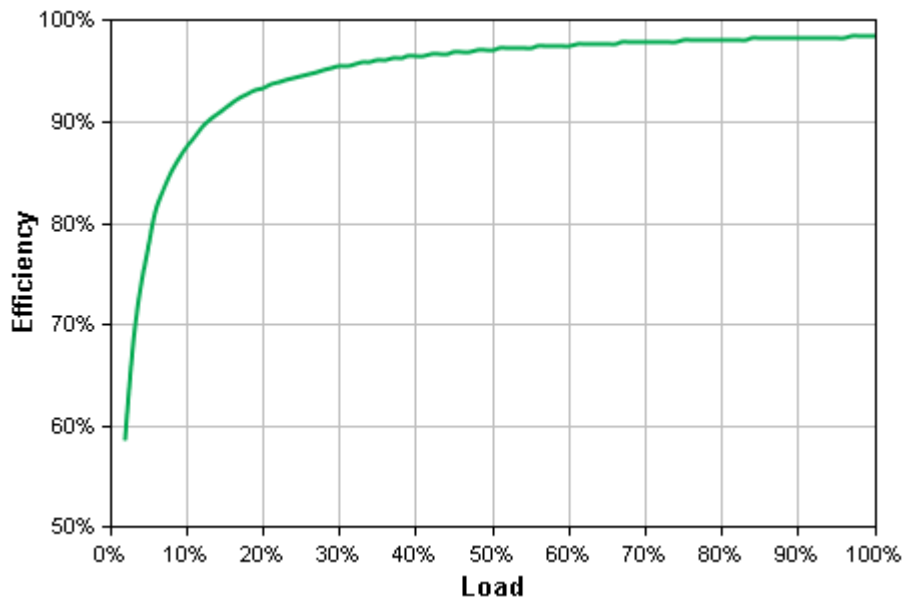
[View Enlarged Graph](#)

[View Runtime Chart](#)

Energy Use/Efficiency

Load	Efficiency
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25%	94.6%
50%	97.2%
75%	98.0%
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
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	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	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 184.00 BTU/hr

Conformance

Regulatory Approvals C-tick, CE, CSA, EN 50091-1, EN 50091-2, EN 55022 Class A, 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 extended warranties available, optional on-site warranties available

Sustainable Offer Status

RoHS	Compliant
REACH	REACH: Contains No SVHCs
Battery Directive	Compliant
Battery Notes	Contains Lithium Coin Cell

**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.