APC by Schneider Electric

APC Smart-UPS X 2200VA Rack/Tower LCD 200-240V
Part Number: SMX2200RMHV2U

Technical Specifications	Product Overview	Documentation	Software & Firmware	Options	Ratings and Reviews

Output

Output Power Capacity	1980 Watts / 2200 VA
Max Configurable Power	1980 Watts / 2200 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 (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	6 feet (1.83 meters)
Input voltage range for main operations	140 - 280V
Other Input Voltages	220, 240
Transfer Time	2-4 ms

Batteries & Runtime

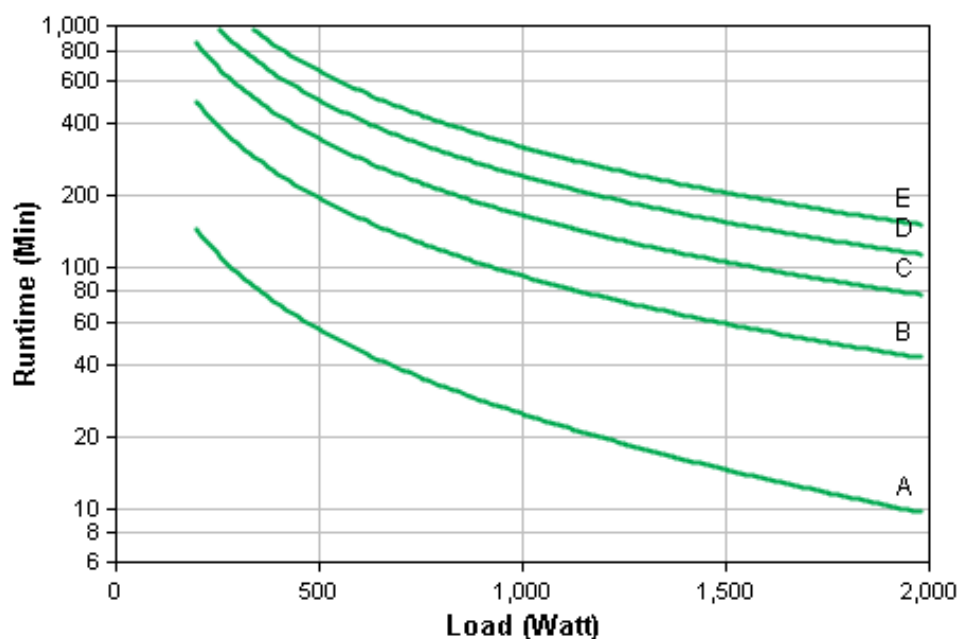| Battery Type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof
Typical recharge time	3 hour(s)
Replacement Battery	APCRBC117
RBC™ Quantity	1
Extended Run Options	APC Smart-UPS X 2200VA Rack/Tower LCD 200-240V
Runtime Graph	

Curve	Part Number(s)
A	SMX2200RMHV2U
B	SMX2200RMHV2U + (1)SMX120RMBP2U
C	SMX2200RMHV2U + (2)SMX120RMBP2U
D	SMX2200RMHV2U + (3)SMX120RMBP2U
E	SMX2200RMHV2U + (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)
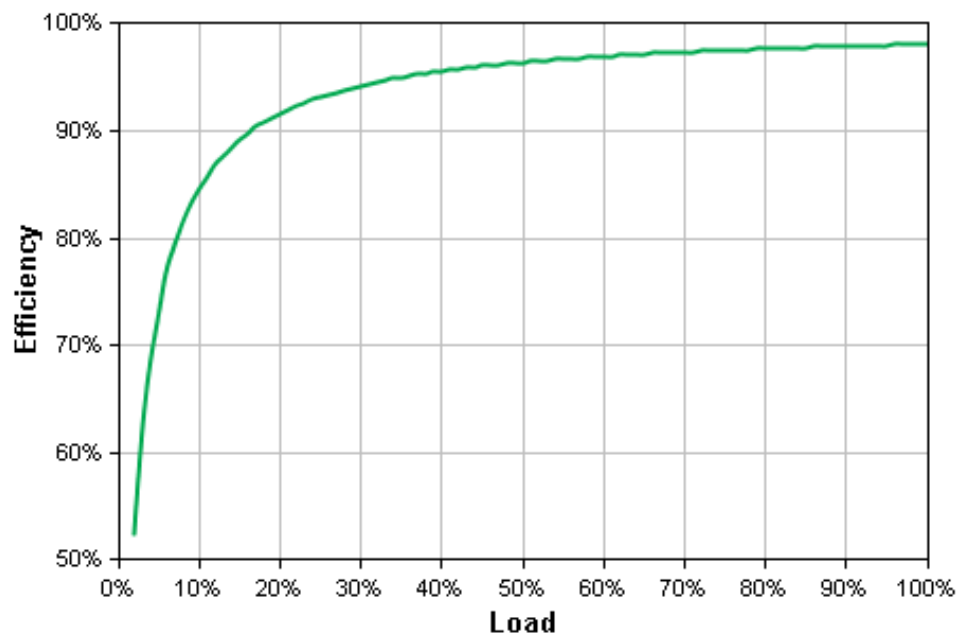
output.

Energy Use/Efficiency

Load	Efficiency
25%	93.2%
50%	96.4%
75%	97.5%
100%	98.1%

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.

Communications & Management

Interface Port(s)	SmartSlot, USB
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	3.36 inches (85 mm)
Maximum Width	17.00 inches (432 mm)
Maximum Depth	26.26 inches (667 mm)
Rack Height	2U
Net Weight	82.10 lbs. (37.32 kg)
Shipping Weight	99.79 lbs. (45.36 kg)
Shipping Height	9.58 inches (243 mm)
Shipping Width	23.48 inches (596 mm)
Shipping Depth	34.23 inches (869 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	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	150.00 BTU/hr

Conformance

Regulatory Approvals	C-tick, CE, CSA, EN 50091-1, EN 50091-2, FCC Part 15 Class A, GOST, IEC 60950, 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
PEP	Available in Documentation tab
EOLI	Available in Documentation tab

*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.