

APC Smart-UPS X 1000VA Rack/Tower LCD 120V

Part Number: SMX1000



Output

Output Power Capacity	800 Watts / 1000 VA
Nominal Output Voltage	120V
Output Frequency (sync to mains)	47 - 63 Hz
Crest Factor	3 : 1
Waveform Type	Sine wave
Output Connections	(8) NEMA 5-15R



Input

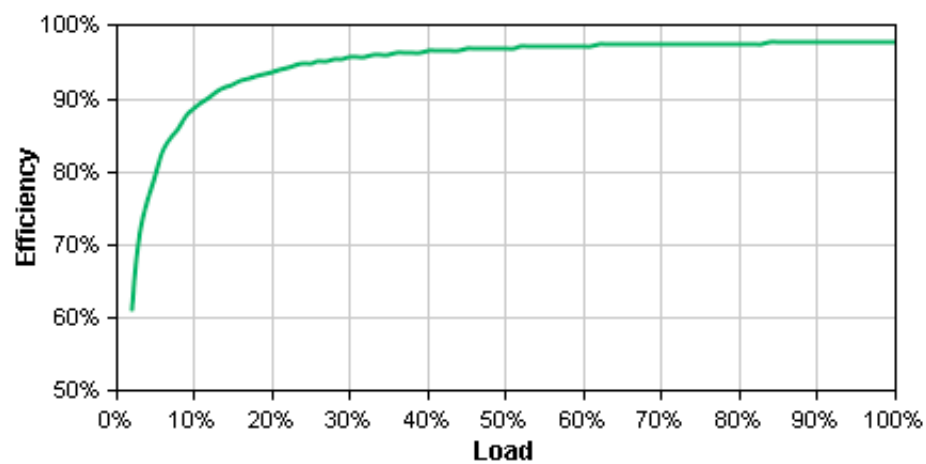
Nominal Input Voltage	120V
Input Frequency	50/60 Hz +/- 3 Hz (auto sensing)
Input Connections	NEMA 5-15P
Cord Length	2.44 meters
Input voltage range for main operations	82 - 143V
Maximum Input Current	12A
Input Breaker Capacity	15A



Batteries & Runtime

Battery Type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof
Typical recharge time	3 hour(s)
RBC™ Quantity	1
DC Overcurrent Protection	60A
Typical Backup Time at Half Load	24.2 minutes (400 Watts)
Typical Backup Time at Full Load	8.1 minutes (800 Watts)
Runtime Chart	Smart-UPS
Extended Run Options	APC Smart-UPS X 1000VA Rack/Tower LCD 120V

Energy Use/Efficiency



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

Available SmartSlot™ Interface Quantity 1

Control panel	Multi-function LCD status and control console
Audible Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
Emergency Power Off (EPO)	Yes

Surge Protection and Filtering

Surge energy rating	600 Joules
Filtering	Full time multi-pole noise filtering : 5% IEEE surge let-through : zero clamping response time : meets UL 1449

Physical

Maximum Height	432.00 mm
Maximum Width	89.00 mm
Maximum Depth	490.00 mm
Rack Height	2U
Net Weight	22.86 KG
Shipping Weight	27.32 KG
Shipping Height	589.00 mm
Shipping Width	246.00 mm
Shipping Depth	620.00 mm
Color	Black
Units per Pallet	16.00

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	40.00 dBA
Online Thermal Dissipation	82.00 BTU/hr

Conformance

Regulatory Approvals

cUL Listed,UL 1778

Environmental Compliance

RoHS 7b Exemption

**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.

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