


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 |

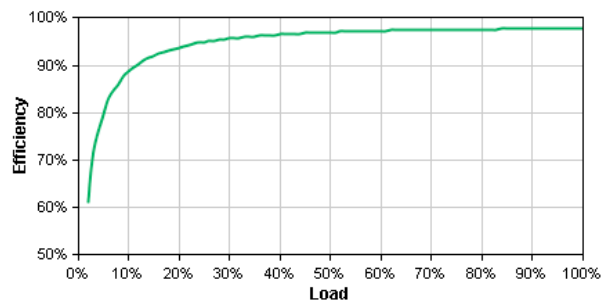


Batteries & Runtime

| | |
|----------------------------------|--|
| 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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