

APC Smart-UPS XL 2200VA 120V Tower/Rack Convertible



Model: APC Smart-UPS, 1850 Watts / 2200 VA

Input Voltage: 120V Output

Output Voltage: 120V Interface Port, DB-9 RS-232, Smart-Slot, USB, Extended runtime model, Rack Height 5 U

Includes: CD with software, Smart UPS signaling RS-232 cable, USB cable, User Manual, Start-up

Output

Output Power Capacity: 1850 Watts / 2200 VA

Max Configurable Power: 1980 Watts / 2200 VA

Nominal Output Voltage: 120V

Efficiency at Full Load: 95%

Output Voltage Distortion: Less than 5% at full load

Output Frequency (sync to mains): 47 - 53 Hz for 50 Hz nominal, 57 - 63 Hz for 60 Hz nominal

Crest Factor up to 5:1

Waveform Type: Sine wave

Output Connections

(9) NEMA 5-15R



(2) NEMA 5-20R



Input

Nominal Input Voltage: 120V

Input Frequency: 50/60 Hz +/- 3 Hz (auto sensing)

Input Connections:

NEMA 5-20P



Cord Length: 8 feet (2.44 meters)

Input voltage range for main operations: 82 - 144V

Input voltage adjustable range for mains operation: 75 - 154V

Batteries & Runtime

Battery Type: Maintenance-free sealed Lead-Acid battery with suspended electrolyte: leak proof

Typical recharge Time: 3 hour(s)

Typical Backup Time: Half Load = 28.5 minutes (925 Watts)

Typical Backup Time: Full Load = 10.4 minutes (1850 Watts)

Communications & Management

Interface Port(s)

DB-9 RS-232, Smart-Slot, USB

Available SmartSlot™ Interface Quantity 1

Control panel: LED status display with load and battery bar-graphs and On Line : On Battery : Replace Battery and Overload Indicators

Audible Alarm

Alarm when on battery: distinctive low battery alarm: configurable delays

Emergency Power Off (EPO)

Surge Protection and Filtering

Surge energy rating: 480 Joules

Filtering: Full time multi-pole noise filtering: 0.3% IEEE

Surge let-through: zero clamping response time: meets UL 1449

Physical

Maximum Height: 17.50 inches (444 mm)

Maximum Width: 8.70 inches (221 mm)

Maximum Depth: 19.50 inches (495 mm)

Rack Height: 5U

Net Weight: 137.00 lbs. (62.27 kg)

Shipping Weight: 179.00 lbs. (81.36 kg)

Shipping Height: 22.00 inches (559 mm)

Shipping Width: 15.00 inches (381 mm)

Shipping Depth: 30.00 inches (762 mm)

Color: Black

Environmental

Operating Environment: 32 - 104 °F (0 - 40 °C)

Operating Relative Humidity: 0%

Operating Elevation: 0-10000 feet (0-3000 meters)

Storage Temperature: 5 - 113 °F (-15 - 45 °C)

Storage Relative Humidity: 0%

Storage Elevation: 0-50000 feet (0-15000 meters)

Audible noise at 1 meter from surface of unit: 53.00 dBA

Online Thermal Dissipation: 305.00 BTU/hr

Conformance

Regulatory Approvals: CSA,FCC Part 15 Class A,UL 1778

Standard Warranty: 2 years repair or replace

Equipment protection policy: Lifetime : \$150000

**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.