

APC Smart-UPS 1500VA LCD 120V

Part Number: SMT1500





Output

Output Power Capacity 980 Watts / 1440 VA

Max Configurable Power 980 Watts / 1440 VA

Nominal Output Voltage 120V

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 (8) NEMA 5-15R

Input

Nominal Input Voltage 120V

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

Input Connections NEMA 5-15P

P

Cord Length 1.83 meters
Input voltage range for main operations 82 - 144V
Input voltage adjustable range for mains 75 - 154V

operation

Batteries & Runtime

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

Typical recharge time 3 hour(s)

Replacement Battery RBCTM Quantity 1

Typical Backup Time 23.9 minutes (490 Watts)

at Half Load

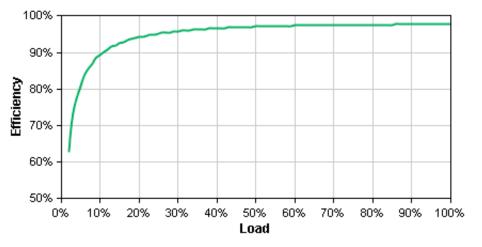
Typical Backup Time

at Full Load

6.7 minutes (980 Watts)

Runtime Chart <u>Smart-UPS</u>

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

Interface Port(s) DB-9 RS-232,SmartSlot,USB

Available SmartSlotTM Interface Quantity 1

Control panel Multi-function LCD status and control console

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

Emergency Power Off (EPO) Optional

Surge Protection and Filtering

Surge energy rating	459 Joules
Filtering	Full time multi-pole noise filtering: 0.3% IEEE surge let-through: zero clamping response time: meets UL 1449

Physical

Maximum Height	216.00 mm
Maximum Width	170.00 mm
Maximum Depth	439.00 mm
Net Weight	24.09 KG
Shipping Weight	27.00 KG
Shipping Height	370.00 mm
Shipping Width	330.00 mm
Shipping Depth	590.00 mm
Color	Black
Units per Pallet	24.00

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	45.00 dBA
Online Thermal Dissipation	135.00 BTU/hr

Conformance

Regulatory Approvals cUL Listed,UL 1778

Standard Warranty 3 years repair or replace (excluding battery) and 2 year for battery

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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