

APC Smart-UPS 750VA LCD 120V

Part Number: SMT750





Output

Output Power Capacity 500 Watts / 750 VA

Max Configurable Power 500 Watts / 750 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 (6) NEMA 5-15R



Input

Nominal Input Voltage 120V

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

Input Connections NEMA 5-15P

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 RBC™ Quantity 1

Typical Backup Time 15.9 minutes (250 Watts)

at Half Load

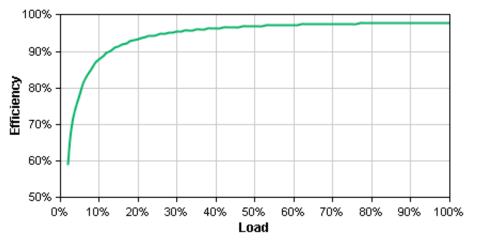
4.6 minutes (500 Watts)

at Full Load

Typical Backup Time

Runtime Chart Smart-UPS

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.

Communications & Management

Interface Port(s) DB-9 RS-232,Smart-Slot,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 540 Joules
Filtering Full time multi-pole noise filtering: 0.3% IEEE surge let-through: zero clamping response time:

meets UL 1449

Physical

	1.77
Maximum Height	157.00 mm
Maximum Width	137.00 mm
Maximum Depth	358.00 mm
Net Weight	13.18 KG
Shipping Weight	14.55 KG
Shipping Height	290.00 mm
Shipping Width	270.00 mm
Shipping Depth	500.00 mm
Color	Black
Units per Pallet	40.00

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 55.00 dBA unit		

Online Thermal Dissipation 90.00 BTU/hr

Conformance

Regulatory Approvals 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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