



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

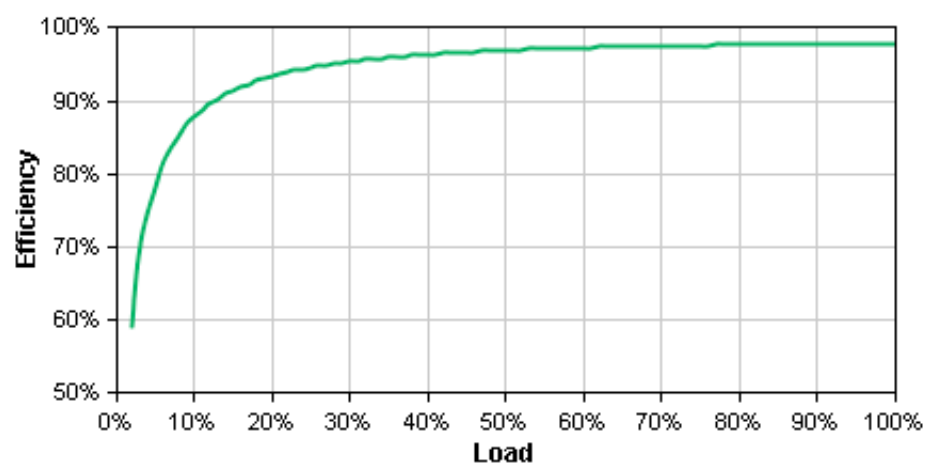
Nominal Input Voltage	120V
Input Frequency	50/60 Hz +/- 3 Hz (auto sensing)
Input Connections	NEMA 5-15P
Cord Length	1.83 meters
Input voltage range for main operations	82 - 144V
Input voltage adjustable range for mains operation	75 - 154V



Batteries & Runtime

Battery Type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof
Typical recharge time	3 hour(s)
Replacement Battery	RBC48
RBC™ Quantity	1
Typical Backup Time at Half Load	15.9 minutes (250 Watts)
Typical Backup Time at Full Load	4.6 minutes (500 Watts)
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.

[View Enlarged Chart](#)

Communications & Management

Interface Port(s)	DB-9 RS-232,Smart-Slot,USB
Available SmartSlot™ 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

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 unit	55.00 dBA
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.

[Copyright](#) © American Power Conversion Corp., all rights reserved