




**NEW! APC
Smart-UPS
750VA USB
& Serial
120V
Part
Number:
SUA750**




Technical Specifications

Output

Output power capacity	750 VA	
Output power capacity	500 Watts	
Max Configurable Power	750 VA	
Max Configurable Power	500 Watts	
Nominal output voltage	120V	
Output Voltage Distortion	less than 5% at full load	
Output Frequency (sync to mains)	47-53Hz for 50Hz nominal, 57-63Hz for 60Hz nominal	
Crest Factor	up to 5 : 1	
Waveform type	Sinewave	
Output Connections	(6) NEMA 5-15R	

Input

Nominal input voltage	120V	
Input frequency	50/60 Hz +/- 3 Hz (auto sensing)	
Input Connection Type	NEMA 5-15P	
Cord Length	6 feet	
Input voltage range for main operations	82 - 144 V	
Input voltage adjustable range for mains operation	75 - 154 V	

Batteries & Runtime

Battery type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof
Replacement battery cartridge	RBC48

Options:

- [Automatic Transfer Switches](#)
- [Management Devices](#)
- [MasterSwitches/Outlet Strips](#)
- [Replacement Battery Cartridges](#)
- [Services](#)
- [Software](#)

User Manual & Installation Guides:

- 📄 [Smart-UPS 500/750 VA, 100/120/230 V \(Manual\)](#)

Features:

- Battery replacement without tools
- Disconnected battery notification
- Front-access servicing
- USB Connectivity

General Features:

- Adjustable voltage sensitivity
 - Adjustable voltage-transfer points
 - Audible Alarms
 - Automatic restart of loads after UPS shutdown
 - Automatic self-test
 - Boost and Trim Automatic Voltage Regulation (AVR)
 - Cold-start capable
 - Generator Compatible
 - Hot-swappable batteries
 - Intelligent Battery Management
 - LED status indicators
 - Network manageable
 - Power conditioning
 - Predictive failure notification
 - Resettable circuit breakers
 - Safety-agency approved
 - Serial Connectivity
 - SmartSlot
 - Temperature-compensated battery charging
- [more details...](#)

Topology: Line Interactive

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

Communications & Management

Interface port	DB-9 RS-232, Smart-Slot, USB
Available Smart Slot 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)	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	6 inches (16 cm)
Maximum width	5 inches (14 cm)
Maximum depth	14 inches (36 cm)
Net weight	29 lbs. (13 kg)
Shipping Weight	32 lbs. (15 kg)
Shipping Height	11 inches (28 cm)
Shipping Width	11 inches (27 cm)
Shipping Depth	20 inches (50 cm)
Color	Black
Units per Pallet	40

Environmental

Operating Environment	0 - 40 °C (32 - 104 °F)
Operating Relative Humidity	0 - 95 %
Operating Elevation	0-10000 feet (0-3000 meters)
Storage Temperature	-15 - 45 °C (5 - 113 °F)
Storage Relative Humidity	0 - 95 %
Storage Elevation	0-50000 feet (0-15000 meters)

Online thermal dissipation	90 BTU/hr
----------------------------	-----------

 **Conformance**

Approvals	BSMI, CSA, FCC Part 15 Class A, UL 1778, UL Listed, VCCI
-----------	--

Standard warranty	2 years repair or replace
-------------------	---------------------------

Equipment protection policy	Lifetime : \$150000
-----------------------------	---------------------
