

APC Smart-UPS 700VA XL 120V

APC Smart-UPS XL, 700VA/450W, Input 120V/Output 120V, Interface Port DB-9 RS-232, SmartSlot

Includes: CD with software, Smart UPS signalling RS-232 cable, User Manual

Part Number : **SU700XLNET**

DISCONTINUED : recommended replacement product [SUA750XL](#)

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[Runtime Chart](#)

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Additional Information

[Product Overview](#)

[Product Distribution](#)




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Technical Specifications

Output

Output power capacity	700 VA
Output power capacity	450 Watts
Max Configurable Power	700 VA
Max Configurable Power	450 Watts
Nominal output voltage	120V

Output Connections	(6) NEMA 5-15R	
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Input

Nominal input voltage	120V	
Input frequency	50/60 Hz +/- 3 Hz (auto sensing)	
Input Connection Type	NEMA 5-15P	
Cord Length	6 feet (1.83 meters)	
Input voltage range for main operations	92 - 147V	
Input voltage adjustable range for mains operation	86 - 154V	

Options:

- i [Batteries](#)
- i [Interface Connections](#)
- i [Management Devices](#)
- i [Replacement Battery Cartridges](#)
- i [Services](#)
- i [Software](#)

General Features:

- i Adjustable voltage sensitivity
- i Adjustable voltage-transfer points
- i Audible alarms
- i Automatic restart of loads after UPS shutdown
- i Automatic self-test
- i Boost and Trim Automatic Voltage Regulation (AVR)
- i Cold-start capable
- i Disconnected battery notification
- i Generator compatible
- i Hot-swappable batteries
- i Intelligent battery management
- i LED status indicators
- i Network manageable
- i Plug-and-Play external batteries
- i Power conditioning
- i Predictive failure notification
- i Resettable circuit breakers

[-] Batteries & Runtime

Battery type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof
Replacement battery cartridge	RBC7
RBC™ Quantity	1
Typical backup time at half load	73.4 minutes (225 Watts)
Typical backup time at full load	27.6 minutes (450 Watts)
Runtime Chart	Smart-UPS XL

[-] Communications & Management

Interface port	DB-9 RS-232,SmartSlot
Available Smart Slot Interface Quantity	1
Control panel	LED status display with load and battery bargraphs 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	320 Joules
Filtering	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : meets UL 1449

[-] Physical

Maximum height	8.50 inches (216 mm)
Maximum width	6.70 inches (170 mm)
Maximum depth	17.30 inches (439 mm)
Net weight	53.00 lbs. (24.09 kg)
Shipping Weight	58.00 lbs. (26.36 kg)
Shipping Height	15.25 inches (387 mm)
Shipping Width	12.60 inches (320 mm)
Shipping Depth	23.25 inches (591 mm)
Color	Beige
Units per Pallet	24.00

[-] 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	100 BTU/hr

- i Safety-agency approved
- i Scalable runtime
- i Serial Connectivity
- i SmartSlot
- i Temperature-compensated battery charging [more details...](#)

Topology: Line Interactive

Conformance

Approvals

CSA,FCC Part 15 Class A,UL 1778

Standard warranty