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APC Smart-UPS 620VA 120V

APC Smart-UPS, 620VA/390W, Input 120V/Output 120V, Interface Port DB-9 RS-232

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

Part Number : **SU620NET**

DISCONTINUED : recommended replacement product [SC620](#)

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 [Runtime Chart](#)

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Additional Information

[Product Overview](#)

[User Manual & Installation Guides](#)

[Product Distribution](#)



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Technical Specifications

Output

Output power capacity	620 VA
Output power capacity	390 Watts
Max Configurable Power	620 VA
Max Configurable Power	390 Watts
Nominal output voltage	120V
Output Connections	(4) 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 (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
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Options:

- [Automatic Transfer Switches](#)
- [Interface Connections](#)
- [Rack Power Distribution](#)
- [Replacement Battery Cartridges](#)
- [Services](#)
- [Software](#)

Features:

- Dataline surge protection

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

Replacement battery cartridge	RBC4
RBC™ Quantity	1
Typical backup time at half load	15.7 minutes (195 Watts)
Typical backup time at full load	5.5 minutes (390 Watts)
Runtime Chart	Smart-UPS

Communications & Management

Interface port	DB-9 RS-232
Control panel	LED status display with On Line : On Battery : Replace Battery and Overload indicators
Audible alarm	Alarm when on battery : distinctive low battery alarm
Emergency Power Off (EPO)	Optional

Surge Protection and Filtering

Surge energy rating	412 Joules
Filtering	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : meets UL 1449
Dataline protection	RJ-45 Modem/Fax/DSL/10-100 Base-T protection

Physical

Maximum height	6.60 inches (168 mm)
Maximum width	4.70 inches (119 mm)
Maximum depth	14.50 inches (368 mm)
Net weight	27.00 lbs. (12.27 kg)
Shipping Weight	29.00 lbs. (13.18 kg)
Shipping Height	12.50 inches (318 mm)
Shipping Width	10.30 inches (262 mm)
Shipping Depth	20.00 inches (508 mm)
Color	Beige
Units per Pallet	40.00

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	70 BTU/hr

Conformance

Approvals	CSA,FCC Part 15 Class A,UL 1778
Standard warranty	2 years repair or replace,optional on-site warranties available,optional extended warranties available

- Temperature-compensated battery charging [more details....](#)

Topology: Line Interactive

