

APC Smart-UPS 420VA 120V

Part Number : SU420NET



Product Overview

Description	APC Smart-UPS, 420VA/260W, Input 120V/ Output 120V, Interface Port DB-9 RS-232
General Features	Automatic Voltage Regulation (AVR), Ethernet Protection, Hot Swap Batteries, Intelligent Battery Management, Internet FAX - modem - DSL protection, Overload Indicator, Replace Batt Indicator, Site wiring fault indicator, Software, User Replaceable batteries, Wide input voltage range, Modem Protection
Includes	User Manual, Smart UPS signalling RS-232 cable, CD with software

Includes

Management software included	PowerChute Smart-UPS Bundle
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Options

- Optional AC Connection
- Optional New Service

Documentation

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

Output

Output power capacity	420 VA
Output power capacity	260 Watts
Nominal output voltage	120 V
Waveform type	Stepped approximation to a sinewave
Output Connections	(4)NEMA 5-15R

Input

Nominal input voltage	120 V
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 main operations	75 - 154 V

Surge Protection and Filtering

Surge energy rating	412 joules
Filtering	Full time multi-pole noise filtering : 0.7% IEEE surge let-through : zero clamping response time : meets UL 1449
Dataline protection	RJ-11 Modem/Fax protection , RJ45 10/100 Base-T Ethernet protection

Runtime

Typical backup time at half load	13.5 minutes (130 Watts)
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Typical backup time at full load 5.5 minutes (260 Watts)

Runtime Chart Smart-UPS

Batteries

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

Typical recharge time ** 5 hour(s)

Replacement battery cartridge (1) RBC2

Physical

Maximum height dimensions 6.60 inches (16.76 cm)

Maximum width dimensions 4.70 inches (11.94 cm)

Maximum depth dimensions 14.50 inches (36.83 cm)

Net weight 22.00 lbs (10.00 kg)

Shipping Weight 24.00 lbs (10.91 kg)

Shipping Height 12.50 inches (31.75 cm)

Shipping Width 10.30 inches (26.16 cm)

Shipping Depth 20.00 inches (50.80 cm)

Color Beige

Units per Pallet 40.0

Environmental

Operating Environment 0 - 40 °C (32 - 104°F)

Operating Relative Humidity 0 - 95%

Operating Elevation 0-10000 feet (0-3000 m)

Storage Temperature -15 - 45 °C (5 - 113°F)

Storage Relative Humidity 0 - 95% Non-condensing

Storage Elevation 0-50000 feet (0-15000 m)

Audible noise at 1 meter from surface of unit 45 dBA

Online thermal dissipation 50 BTU/hr