

APC Smart-UPS 700VA 100V

Part Number : SU700J



Product Overview

- Description: APC Smart-UPS, 700VA/450W, Input 100V/ Output 100V, Interface Port DB-9 RS-232, SmartSlot
- General Features: Overload Indicator, Replace Batt Indicator
- Includes: CD with software, Smart UPS signalling RS-232 cable, User Manual

Includes

- Management software included: PowerChute Smart-UPS Bundle

Documentation

- User Manual & Installation Guides: Smart-UPS and Smart-UPS RM - 500/700/1000/1400/1400RM/2200/3000/3000RM(5U)/3000RM(3U) 100 VAC; User Manual

Communications & Management

Interface port	DB-9 RS-232 , SmartSlot
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

Output

Output power capacity	700 VA
Output power capacity	450 Watts
Nominal output voltage	100 V
Waveform type	Sinewave
Output Connections	(4)NEMA 5-15R

Input

Nominal input voltage	100 V
Input frequency	50/60 Hz +/- 5 Hz (auto sensing)
Input Connection Type	NEMA 5-15P
Cord Length	6 feet
Input voltage range for main operations	80 - 123 V
Input voltage adjustable range for main operations	72 - 127 V

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

Runtime

Typical backup time at half load	18.6 minutes (225 Watts)
Typical backup time at full load	5.8 minutes (450 Watts)
Runtime Chart	Smart-UPS

Batteries

Battery type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof
Typical recharge time **	3 hour(s)
Replacement battery cartridge	(1) RBC5J

Physical

Maximum height dimensions	6.20 inches (15.75 cm)
Maximum width dimensions	5.40 inches (13.72 cm)
Maximum depth dimensions	14.10 inches (35.81 cm)
Net weight	29.00 lbs (13.18 kg)
Shipping Weight	32.00 lbs (14.55 kg)
Shipping Height	11.00 inches (27.94 cm)
Shipping Width	10.75 inches (27.31 cm)
Shipping Depth	19.50 inches (49.53 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	41 dBA
Online thermal dissipation	85 BTU/hr