



APC Smart-UPS 700VA 120V Shipboard (Not for sale in CO, VT or WA)

SU700X93

Call for More Information 800-800-4272

- High availability, ruggedized power protection for shipboard and other transportation applications.
- Includes: CD with software, Smart UPS signalling RS-232 cable, User manual


Output	
Output power capacity	450 Watts / 700VA
Max Configurable Power (Watts)	450 Watts / 700VA
Nominal Output Voltage	120V
Output Voltage Distortion	Less than 5 %
Output Frequency (sync to mains)	50/60 Hz +/- 3 Hz Sync to mains
Topology	Line interactive
Waveform type	Sine wave
Output Connections	(4) NEMA 5-15R
Transfer Time	4 ms typical : 8 ms maximum

Input	
Nominal Input Voltage	120V
Input frequency	50/60 Hz +/- 3 Hz Auto-sensing
Input Connections	NEMA 5-15P
Cord Length	6ft (1.8meters)
Input voltage range for main operations	86 - 154 Adjustable, 92 - 147V
Number of Power Cords	1

Batteries & Runtime	
Battery type	Lead-acid battery
Typical recharge time	3hour(s)

Disclaimer: Documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user's applications.

Technical Specifications

Batteries & Runtime	
Replacement Battery	RBC5 
Expected Battery Life (years)	3 - 5
RBC Quantity	1
Battery Charge Power (Watts)	56 Watts
Runtime	View Runtime Graph (Available in Technical Tab on site)
Efficiency	View Efficiency Graph (Available in Technical Tab on site)

Communications & Management	
Interface Port(s)	DB-9 RS-232
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	320Joules
Filtering	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : meets UL 1449

Physical	
Maximum Height	6.18inches (157MM, 15.7CM)
Maximum Width	5.39inches (137MM, 13.7CM)
Maximum Depth	14.09inches (358MM, 35.8CM)
Net Weight	29.06lbs. (13.18KG)
Shipping weight	32.08lbs. (14.55KG)
Shipping Height	10.98inches (279MM, 27.9CM)
Shipping Width	10.75inches (273MM, 27.3CM)
Shipping Depth	19.49inches (495MM, 49.5CM)
Color	Beige
Units per Pallet	24.0

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Technical Specifications

Environmental	
Operating Temperature	32 - 104 °F (0 - 40 °C)
Operating Relative Humidity	0 - 95 %
Operating Elevation	0 - 10000ft (0 - 3048meters)
Storage Temperature	-15 - 45 °C
Storage Relative Humidity	0 - 95 %
Storage Elevation	0 - 50000ft (0 - 15240meters)
Audible noise at 1 meter from surface of unit	41.0dBA
Online thermal dissipation	85.0BTU/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

Sustainable Offer Status	
RoHS	Compliant
Proposition 65 Warning	Available in Documentation tab

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