

Product data sheet

Specifications



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

SU700X93

❗ Discontinued on: 05 May 2022

❗ End-of-service on: 01 August 2022

❗ Discontinued



Corporate Armor

sales@corporatearmor.com
877.449.0458

Overview

Presentation	High availability, ruggedized power protection for shipboard and other transportation applications.
Lead time	Usually Ships within 4 Weeks

Main

Main Input Voltage	120 V
Main Output Voltage	120 V
Rated power in W	450 W
Rated power in VA	700 VA
Input Connection Type	NEMA 5-15P
Nb of power socket outlets	4 NEMA 5-15R
Cable length	6 ft (1.83 m)
Number of cables	1
Battery Type	Lead-Acid battery
Provided equipment	User Manual Smart UPS signalling RS-232 cable CD with software

General

Number of power module filled slots	0
Number of power module free slots	0
Product web sub-family	TAA compliance
Redundant	No
Variant option	Black

Physical

Color	Beige
Height	6.18 in (15.7 cm)
Width	5.39 in (13.7 cm)
Depth	14.09 in (35.8 cm)

Net Weight	29.06 lb(US) (13.18 kg)
Mounting Location	Front
Mounting preference	No preference
Mounting Mode	Not rack-mountable
Two post mountable	0
USB compatible	No

Input

Efficiency at full load	86...154 V adjustable 92...147 V
Input Frequency	50/60 Hz +/- 3 Hz auto-sensing

Output

Harmonic distortion	Less than 5%
Maximum configurable power in VA	700 VA
Max Configurable Power (Watts)	450 W
Transfer Time	4ms typical : 8ms maximum
Topology	Line Interactive
Waveform Type	Sine wave
Output frequency	50/60 Hz +/- 3 Hz sync to mains

Conformance

Product Certifications	CSA
Standards	FCC Part 15 class A UL 1778

Environmental

Acoustic level	41 dBA
Heat dissipation	85 Btu/h
Operating altitude	0...10000 ft
Ambient air temperature for operation	32...104 °F (0...40 °C)
Ambient Air Temperature for Storage	5...113 °F (-15...45 °C)
Storage altitude	0...50000 ft (0.00...15240.00 m)
Relative Humidity	0...95 %
Storage Relative Humidity	0...95 %

Batteries & Runtime

Extendable Run Time	0
Included Battery Modules	0
Battery Slots Empty	0
Typical recharge time	3 h
RBC Quantity	1
Battery life	3...5 year(s)
Battery power in VAh	168 VAh runtime

Battery Charge Power (Watts)	56 W rated
------------------------------	------------

Communications & Management

Audible Alarm	Alarm when on battery : distinctive low battery alarm : configurable delays
Control panel	LED status display with load and battery bar-graphs and On Line : On Battery : Replace Battery : and Overload Indicators
Emergency Power Off (EPO)	Optional
Free slots	0

Surge Protection and Filtering

Surge energy rating	320 J
Filtering	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : m

Ordering and shipping details

GTIN	731304012252
Package weight(Lbs)	32.08 lb(US) (14.55 kg)

Packing Units

Package 1 Height	10.98 in (27.9 cm)
Package 1 width	10.75 in (27.3 cm)
Package 1 Length	19.49 in (49.5 cm)
Number of Units in Package 3	24

Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
Optimized Energy Efficiency	Energy efficient product
Take-back	Take-back program available

Contractual warranty

Warranty	2 years repair or replace, optional on-site warranties available, optional extended warranties available
----------	--

Recommended replacement(s)

SU700X93 is replaced by:

1x



APC Smart-UPS 750VA 120V SHIPBOARD
SMT750X93
