Product data sheet
Characteristics

SU700X93
APC Smart-UPS 700VA 120V Shipboard (Not for sale in CO, VT or WA)

Overview

Lead time	Usually Ships within 4 Weeks

General

Provided equipment	User Manual Smart UPS signalling RS-232 cable CD with software
Product web sub-family	TAA compliance
Performance multiplier	1
Number of tare power	20 W
Number of power module free slots	0
Number of power module filled slots	0
Redundant	No
UPS size	WS
Value multiplier	1
Variant option	Black

Physical

Cable length	6 ft (1.83 m)
Color	Beige
Depth	14.09 in (35.8 cm)
Height	6.18 in (15.7 cm)
Mounting location	Front
Mounting preference	No preference
Net Weight	29.06 lb(US) (13.18 kg)
Mounting mode	Not rack-mountable
Two post mountable	0
USB compatible	No
Maximum Width	5.39 in (13.7 cm)

Input

Input Frequency	50/60 Hz +/- 3 Hz auto-sensing
Plug standard	NEMA 5-15P
Efficiency at full load	86...154 V adjustable 92...147 V
Number of cables	1
Nominal Input Voltage	120 V

Output

Kw Rating	450 W
Max Configurable Power (Watts)	450 W
Harmonic distortion	Less than 5%
Output frequency	50/60 Hz +/- 3 Hz sync to mains
Topology	Line Interactive
Waveform Type	Sine wave
Nb of power socket outlets	4 NEMA 5-15R
Curve equation	Efficiency
Curve fixed loss	0.0378
Curve load maximum	100 %
Curve load minimum	4 %
Curve proportional loss	0
Curve square loss	0.0062
Curve X-axis maximum	100 %
Curve test cond ID	Curve fit of data measured in accordance with the US DOE Test Procedure for Uninterruptible Power Supplies. All measurements taken in normal mode(s), at typical environmental conditions, with 120V/60Hz electrical input and balanced resistive load (PF = 1.0) output.
Curve X-axis minimum	0 %
Curve X-axis title	Load
Curve X-axis units	Percentage
Curve Y-axis maximum	100 %
Curve Y-axis minimum	50 %
Curve Y-axis title	Efficiency
Curve Y-axis units	Percentage
Graph display	1
Output voltage	120 V
Maximum configurable power in VA	700 VA
Rated power in VA	700 VA
Transfer Time	4ms typical : 8ms maximum

Conformance

Product certifications	CSA
Standards	FCC Part 15 class A UL 1778

Environmental

Ambient air temperature for operation	32…104 °F (0…40 °C)
Relative humidity	0…95 %
Operating altitude	0...10000 ft
Ambient air temperature for storage	5…113 °F (-15…45 °C)
Storage altitude	0…50000 ft (0.00…15240.00 m)
Acoustic level	41 dBA
Heat dissipation	85 Btu/h
Show note OP temperature	No

Batteries & Runtime

Battery type	Lead-Acid battery
Included Battery Modules	0
Battery Slots Empty	0
Typical recharge time	3 h
RBC Quantity	1
Liquid Electrolyte Value	0
Battery curve	Z

Battery Charge Power (Watts)	56 W rated
Battery power in VAH	168 VAh runtime
Battery life	3…5 year(s)
Extendable Run Time	0

Communications & Management

Free slots	0
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	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	00731304012252
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

Contractual warranty

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