

Product data sheet

Characteristics

SUA500PDR-H

APC DIN Rail - Panel Mount UPS with High Temp Battery 500VA 120V



Overview

Lead time	Usually in Stock
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Main

Main Input Voltage	120 V
Main Output Voltage	120 V
Kw Rating	325 W
Rated power in VA	500 VA
Output connector type	Hard Wire 3-wire (H N + E) 1
Battery Type	Lead-Acid battery
Provided equipment	CD with software Documentation CD Installation guide Smart UPS signalling RS-232 cable

General

Number of power module filled slots	0
Number of power module free slots	0
Redundant	No

Physical

Height	5.83 in (14.8 cm)
Width	14.25 in (36.2 cm)
Depth	6.73 in (17.1 cm)
Net Weight	25.31 lb(US) (11.48 kg)
Mounting preference	No preference
Mounting Mode	Not rack-mountable
Two post mountable	0
USB compatible	No

Input

Efficiency at full load	75...154 V adjustable 82...144 V
Number of input connectors	1 Hard Wire 3-wire (1PH+N+G)
Input Frequency	50/60 Hz +/- 3 Hz auto-sensing

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Output

Harmonic distortion	Less than 5%
Maximum configurable power in VA	500 VA
Max Configurable Power (Watts)	325 W
Topology	Line Interactive
Waveform Type	Sine wave
Efficiency at full load	94 % full load)
Output Frequency (sync to mains)	47...53 Hz for 50 Hz nominal sync to mains 57...63 Hz for 60 Hz nominal sync to mains

Conformance

Product Certifications	UL Recognized
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Environmental

Acoustic level	55 dBA
Heat dissipation	90 Btu/h
Operating altitude	0...10000 ft
Ambient Air Temperature for Operation	32...122 °F (0...50 °C)
Ambient Air Temperature for Storage	23...131 °F (-5...55 °C)
Storage altitude	0...50000 ft (0.00...15240.00 m)
IP degree of protection	IP20
Relative Humidity	0...95 %
Storage Relative Humidity	0...95 %

Batteries & Runtime

Extendable Run Time	0
Included Battery Modules	1
Battery Slots Empty	1
Typical recharge time	2 h
RBC Quantity	1
Battery Life	3...5 year(s)
Battery power in VAh	120 VAh runtime
Battery Charge Power (Watts)	60 W rated

Communications & Management

Audible Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
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)	Yes
Free slots	1

Surge Protection and Filtering

Surge energy rating	540 J
Filtering	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : m

Ordering and shipping details

GTIN	731304293361
Package weight(Lbs)	29.32 lb(US) (13.3 kg)

Packing Units

Package 1 Height	11.69 in (29.7 cm)
Package 1 width	11.69 in (29.7 cm)
Package 1 Length	18.94 in (48.1 cm)

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
Optimized Energy Efficiency	Energy efficient product
Take-back	Take-back program available

Contractual warranty

Warranty	2 years repair or replace
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