

Product data sheet

Specifications



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

SUA500PDR-H

Overview

Lead Time	Usually in Stock
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Main

Main Input Voltage	120 V
Main Output Voltage	120 V
Rated Power In W	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

Batteries & Runtime

Extended Runtime	0
Number Of Battery Filled Slots	1
Number Of Battery Free Slots	1
Battery Recharge Time	2 h
Number Of Battery Replacement Quantity	1
Battery Life	3...5 year(s)
Replacement Battery	APCRBC136
Battery Charger Power	60 W rated

General

Number Of Power Module Filled Slots	0
Number Of Power Module Free Slots	0
Redundant	No

Physical

Height	14.8 cm
Width	36.2 cm
Depth	17.1 cm

Disclaimer: This 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 applications

Net Weight	11.48 kg
Mounting Preference	No preference
Mounting Mode	Not rack-mountable
Two Post Mountable	0
Usb Compatible	No

Input

Input Voltage Limits	75...154 V adjustable 82...144 V
Number Of Input Connectors	1 hard wire 3-wire (1P + N + E)
Network Frequency	50/60 Hz +/- 3 Hz auto-sensing

Output

Harmonic Distortion	Less than 5 %
Maximum Configurable Power In Va	500 VA
Maximum Configurable Power In W	325 W
Ups Type	Line interactive
Wave Type	Sine wave
Efficiency	94 % (full load)
Output Frequency	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	0...50 °C
Ambient Air Temperature For Storage	-5...55 °C
Storage Altitude	0.00...15240.00 m
Ip Degree Of Protection	IP20
Relative Humidity	0...95 %
Storage Relative Humidity	0...95 %

Communications & Management

Control Panel	LED status display with load and battery bar-graphs and on line : on battery : replace battery : and overload indicators
Emergency Power Off	Yes
Free Slots	1
Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm

Surge Protection and Filtering

Surge Energy Rate	540 J
Noise Suppression	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : meets UL 1449

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	29.7 cm
Package 1 Width	48.1 cm
Package 1 Length	29.7 cm
Package 1 Weight	13.3 kg

Contractual warranty

Warranty	2 years repair or replace
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Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Energy Efficient Take-back Transparency RoHS/REACH

Resource performance

✓ Energy Efficient Product

✓ Take-Back Program Available

Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information [Yes](#)

Certifications & Standards

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive Compliant with Exemptions

Environmental Disclosure [Product Environmental Profile](#)

Circularity Profile [End of Life Information](#)

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