

# Product datasheet

Specifications



## APC DIN Rail - Panel Mount UPS with Standard Battery 500VA 230V

SUA500PDRI-S

### Overview

Presentation	Proven Industrial UPS power protection for control applications and harsh environments.
Lead Time	Usually in Stock

### Main

Main Input Voltage	230 V
Other Input Voltage	220 V 240 V
Main Output Voltage	230 V
Other Output Voltage	220 V 240 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	<a href="#">APCRBC135</a>
Battery Power In Vah	120 VAh runtime
Battery Charger Power	60 W rated

### General

Number Of Power Module Filled Slots	0
Number Of Power Module Free Slots	0

Redundant	No
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## Physical

Height	14.8 cm
Width	36.2 cm
Depth	17.1 cm
Net Weight	12.86 kg
Mounting Preference	No preference
Mounting Mode	Not rack-mountable
Two Post Mountable	0
Usb Compatible	No

## Input

Input Voltage Limits	151...302 V adjustable 160...285 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
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	CE VDE
Standards	EN/IEC 62040-1:2019/A11:2021 EN/IEC 62040-2:2006/AC:2006 EN/IEC 62040-2:2018

## Environmental

Acoustic Level	55 dBA
Heat Dissipation	90 Btu/h
Operating Altitude	0...10000 ft
Ambient Air Temperature For Operation	0...40 °C
Ambient Air Temperature For Storage	-15...45 °C
Storage Altitude	0.00...15240.00 m
Ip Degree Of Protection	IP20
Relative Humidity	0...95 %
Storage Relative Humidity	0...95 %

## Communications & Management

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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

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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

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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	13.32 kg

## Contractual warranty

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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-CO<sub>2</sub> products.

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Energy Efficient Take-back Transparency RoHS/REACH

### Resource performance

✓ Energy Efficient Product

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✓ Take-Back Program Available

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### Well-being performance

✓ Mercury Free

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✓ Rohs Exemption Information [Yes](#)

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### Certifications & Standards

**Reach Regulation** [REACH Declaration](#)

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**Eu Rohs Directive** Compliant  
[EU RoHS Declaration](#)

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**Environmental Disclosure** [Product Environmental Profile](#)

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**Weee** The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

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**Circularity Profile** [End of Life Information](#)

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