

# Product data sheet

Specifications



## APC DIN Rail - Panel Mount UPS with Standard Battery 500VA 120V

SUA500PDR-S

Product availability: Stock - Normally stocked in distribution facility

### Overview

Lead time Usually in Stock

### Main

Main Input Voltage	120 V
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
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) for 1 zone(s)
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

### Complementary

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
Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
Surge energy rating	540 J
Filtering	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : m
Height	5.8 in (148 mm)
Width	14.3 in (362 mm)
Depth	6.7 in (171 mm)



Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

<b>Net Weight</b>	28.35 lb(US) (12.86 kg)
<b>Mounting preference</b>	No preference
<b>Mounting Mode</b>	Not rack-mountable
<b>Two post mountable</b>	0
<b>USB compatible</b>	No
<b>Provided equipment</b>	CD with software Documentation CD Installation guide Smart UPS signalling RS-232 cable
<b>Number of power module filled slots</b>	0
<b>Number of power module free slots</b>	0
<b>Redundant</b>	No
<b>Product or Component Type</b>	Uninterruptible power supply (UPS)

## Environment

<b>Product Certifications</b>	UL Recognized
<b>Ambient Air Temperature for Operation</b>	32...104 °F (0...40 °C)
<b>Ambient Air Temperature for Storage</b>	5...113 °F (-15...45 °C)
<b>Storage altitude</b>	0...50000 ft (0...15240 m)
<b>IP degree of protection</b>	IP20
<b>Relative Humidity</b>	0...95 %
<b>Storage Relative Humidity</b>	0...95 %
<b>Acoustic level</b>	55 dBA
<b>Heat dissipation</b>	90 Btu/h
<b>Operating altitude</b>	0...10000 ft

## Batteries & Runtime

<b>Run Time</b>	<a href="#">View Runtime Graph</a> 
<b>Battery Type</b>	Lead-Acid battery
<b>Extendable Run Time</b>	0
<b>Included Battery Modules</b>	1
<b>Battery Slots Empty</b>	1
<b>Typical recharge time</b>	2 h
<b>RBC Quantity</b>	1
<b>Battery Life</b>	3...5 year(s)
<b>Replacement battery</b>	<a href="#">APCRBC135</a> 
<b>Battery Charge Power (Watts)</b>	60 W rated

## Ordering and shipping details

<b>Category</b>	09305-INDUSTRIAL UPS
<b>Discount Schedule</b>	IUPS
<b>GTIN</b>	731304733010

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<b>Returnability</b>	No
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<b>Country of origin</b>	PH
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## Packing Units

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<b>Unit Type of Package 1</b>	PCE
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<b>Nbr. of units in pkg.</b>	1
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<b>Package 1 Height</b>	11.7 in (29.7 cm)
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<b>Package 1 Width</b>	18.9 in (48.1 cm)
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<b>Package 1 Length</b>	11.7 in (29.7 cm)
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<b>Package weight(Lbs)</b>	29.37 lb(US) (13.32 kg)
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## Contractual warranty

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<b>Warranty (in months)</b>	24
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## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



### Environmental footprint

Total lifecycle Carbon footprint	499 kg CO2 eq.
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Carbon footprint of the manufacturing phase [A1 to A3]	191 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	5 kg CO2 eq.
Carbon footprint of the installation phase [A5]	1 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	295 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	7 kg CO2 eq.

### Use Better



### Materials and Substances

Packaging made with recycled cardboard	No
Packaging without single use plastic	No
SCIP Number	B2b22a56-41f2-497e-9ea6-cf093b3b8bd3
EU RoHS Directive	<a href="#">Compliant By Exemption</a>
REACH Regulation	<a href="#">Reference contains Substances of Very High Concern above the threshold</a>
California proposition 65	<b>WARNING:</b> 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>

### Use Longer



### Lifetime extension

Repair	No
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### Use Again



### Repack and remanufacture

Recyclability potential, in %	51
Circularity Profile	<a href="#">End of Life Information</a>
Removable battery	User replaceable
Take-back	Yes
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

