

# Product data sheet

Specifications



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

SUA500PDR-H

Product availability : Non-Stock - Not normally stocked in distribution facility



**Corporate Armor**

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### Overview

Lead time Usually in Stock

### 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<br>Documentation CD<br>Installation guide<br>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

|                                   |                                |
|-----------------------------------|--------------------------------|
| <b>Number of input connectors</b> | 1 Hard Wire 3-wire (1PH+N+G)   |
| <b>Input Frequency</b>            | 50/60 Hz +/- 3 Hz auto-sensing |

## Output

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


## Conformance

|                               |               |
|-------------------------------|---------------|
| <b>Product Certifications</b> | UL Recognized |
|-------------------------------|---------------|

## Environmental

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

## Batteries & Runtime

|                                     |                                                                                                               |
|-------------------------------------|---------------------------------------------------------------------------------------------------------------|
| <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="#">APCRBC136</a>  |
| <b>Battery power in VAh</b>         | 120 VAh runtime                                                                                               |
| <b>Battery Charge Power (Watts)</b> | 60 W rated                                                                                                    |

## Communications & Management

|                                  |                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| <b>Audible Alarm</b>             | Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm                                   |
| <b>Control panel</b>             | LED status display with load and battery bar-graphs and On Line : On Battery : Replace Battery : and Overload Indicators |
| <b>Emergency Power Off (EPO)</b> | 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

|                   |                        |
|-------------------|------------------------|
| Category          | 09305-INDUSTRIAL UPS   |
| Discount Schedule | IUPS                   |
| GTIN              | 731304293361           |
| Package 1 Weight  | 29.32 lb(US) (13.3 kg) |
| Returnability     | No                     |
| Country of origin | PH                     |

## 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| REACH Regulation            | <a href="#">REACH Declaration</a>                                                                                                                                                                                                                                                           |
| EU RoHS Directive           | Compliant<br><a href="#">EU RoHS Declaration</a>                                                                                                                                                                                                                                            |
| Mercury free                | Yes                                                                                                                                                                                                                                                                                         |
| RoHS exemption information  | <a href="#">Yes</a>                                                                                                                                                                                                                                                                         |
| Environmental Disclosure    | <a href="#">Product Environmental Profile</a>                                                                                                                                                                                                                                               |
| Circularity Profile         | <a href="#">End of Life Information</a>                                                                                                                                                                                                                                                     |
| Optimized Energy Efficiency | Energy efficient product                                                                                                                                                                                                                                                                    |
| Take-back                   | Take-back program available                                                                                                                                                                                                                                                                 |

## Contractual warranty

|          |                           |
|----------|---------------------------|
| Warranty | 2 years repair or replace |
|----------|---------------------------|