

# Product datasheet

Specifications



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

SUA500PDRI-H

**Price: 23,460.00 ZAR**

### Overview

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

### Main

Main Input Voltage	230 V
Input voltage	220 V 240 V
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 voltage	230 V
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) for 1 zone(s)
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

### Complementary

Battery type	Lead-acid battery
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)

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

<b>Battery charger power</b>	60 W rated
<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</b>	Yes
<b>Free slots</b>	1
<b>Alarm</b>	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
<b>Surge energy rate</b>	540 J
<b>Noise suppression</b>	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : meets UL 1449
<b>Height</b>	148 mm
<b>Width</b>	362 mm
<b>Depth</b>	171 mm
<b>Net weight</b>	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)
<b>Curve equation</b>	Efficiency
<b>Curve load maximum</b>	100 %
<b>Curve X-axis maximum</b>	100 %
<b>Curve X-axis minimum</b>	0 %
<b>Curve X-axis title</b>	Load
<b>Curve X-axis units</b>	Percentage
<b>Curve Y-axis maximum</b>	100 %
<b>Curve Y-axis minimum</b>	50 %
<b>Curve Y-axis title</b>	Efficiency
<b>Curve Y-axis units</b>	Percentage
<b>Graph display</b>	1
<b>Show note OP temperature</b>	No
<b>Battery curve</b>	B
<b>Liquid value</b>	0
<b>Battery power in VAH</b>	120 VAh runtime
<b>UPS size</b>	WS

## Environment

<b>Product certifications</b>	CE VDE
<b>Standards</b>	EN/IEC 62040-1:2019/A11:2021 EN/IEC 62040-2:2006/AC:2006 EN/IEC 62040-2:2018
<b>Ambient air temperature for operation</b>	0...50 °C
<b>Ambient air temperature for storage</b>	-15...45 °C
<b>Storage altitude</b>	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

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	29.7 cm
<b>Package 1 Width</b>	29.7 cm
<b>Package 1 Length</b>	48.1 cm
<b>Package 1 Weight</b>	13.292 kg

## Contractual warranty

<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

Environmental Disclosure [Product Environmental Profile](#)

## Use Better



### Materials and Substances

Packaging made with recycled cardboard No

Packaging without single use plastic No

[EU RoHS Directive](#) Compliant with Exemptions

REACH Regulation [REACH Declaration](#)

## Use Longer



### Lifetime extension

Repair No

## Use Again



### Repack and remanufacture

End of life manual availability [End of Life Information](#)

Removable battery User replaceable

Take-back No

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