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

Product or Component Type	Uninterruptible power supply (UPS)

Batteries & Runtime

Run Time	View Runtime Graph
Battery Type	Lead-Acid battery
Extendable Run Time	0
Included Battery Modules	1
Battery Slots Empty	1
Typical recharge time	2 h
RBC Quantity	1
Battery life	3…5 year(s)
Replacement battery	APCRBC135
Battery Charge Power (Watts)	60 W rated

General

Provided equipment	CD with software Documentation CD Installation guide Smart UPS signalling RS-232 cable
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)
Product Weight	28.35 lb(US) (12.86 kg)
Mounting preference	No preference
Mounting Mode	Not rack-mountable

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

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

Two post mountable	0
USB compatible	No

Input

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

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
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	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

Environmental

Acoustic level	55 dBA
Online Thermal Dissipation	90 Btu/h
Operating altitude	0...10000 ft
Ambient air temperature for operation	32…104 °F (0…40 °C)
Ambient Air Temperature for Storage	5…113 °F (-15…45 °C)
Storage altitude	0…50000 ft (0.0000000000…15240.0000000000 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 (EPO)	Yes
Free slots	1

Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm

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	731304733010
Returnability	No
Country of origin	PH

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	11.69 in (29.7 cm)
Package 1 Width	18.94 in (48.1 cm)
Package 1 Length	11.69 in (29.7 cm)
Package 1 Weight	29.37 lb(US) (13.32 kg)

Contractual warranty

Warranty	2 years repair or replace

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

Carbon footprint (kg CO2 eq, Total Life cycle)	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
SCIP Number	B2b22a56-41f2-497e-9ea6-cf093b3b8bd3
REACh Regulation	REACh Declaration
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

Energy efficiency

Optimized Energy Efficiency	Energy efficient product

Use Again

Repack and remanufacture

Circularity Profile	End of Life Information
Removable battery	User replaceable
Take-back	Yes