

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
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 Documentation CD Installation guide 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	28.35 lb(US) (12.86 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

Number of input connectors 1 Hard Wire 3-wire (1PH+N+G)

Input Frequency 50/60 Hz +/- 3 Hz auto-sensing

Output

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

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

Heat 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 (0.00...15240.00 m)

IP degree of protection IP20

Relative Humidity 0...95 %

Storage Relative Humidity 0...95 %

Batteries & Runtime

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 power in VAh 120 VAh runtime

Battery Charge Power (Watts) 60 W rated

Communications & Management

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

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 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
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)

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 www.P65Warnings.ca.gov
REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
Optimized Energy Efficiency	Energy efficient product
Take-back	Take-back program available

Contractual warranty

Warranty	2 years repair or replace
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Recommended replacement(s)