

Product data sheet

Specifications



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

SUA500PDRI-H

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



Corporate Armor

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Overview

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

Main

Main Input Voltage	230 V
Other Input Voltage	220 V 240 V
Main Output Voltage	230 V
Other Output Voltage	220 V 240 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	151...302 V adjustable 160...285 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 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	CE VDE
Standards	EN/IEC 62040-1:2019/A11:2021 EN/IEC 62040-2:2006/AC:2006 EN/IEC 62040-2:2018

Environmental

Acoustic level	55 dBA
Heat dissipation	90 Btu/h
Operating altitude	0...10000 ft
Ambient Air Temperature for Operation	32...122 °F (0...50 °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	APCRBC136 
Battery power in VAh	120 VAh runtime
Battery Charge Power (Watts)	60 W rated

Communications & Management

Audible 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

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	3606485441054
Returnability	No

Packing Units

Unit Type of Package 1	PCE
Package 1 Length	18.94 in (48.1 cm)
Number of Units in Package 1	1
Package 1 Width	11.69 in (29.7 cm)
Package 1 Height	11.69 in (29.7 cm)
Package 1 Weight	29.30 lb(US) (13.292 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
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
Optimized Energy Efficiency	Energy efficient product
Take-back	Take-back program available

Contractual warranty

Warranty	2 years repair or replace
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