



APC DIN Rail - Panel Mount UPS with Standard Battery
500VA 120V
Part Number: SUA500PDR-S

[Technical Specifications](#) [Product Overview](#) [Documentation](#) [Software & Firmware](#) [Options](#) [Ratings and Reviews](#)

Output

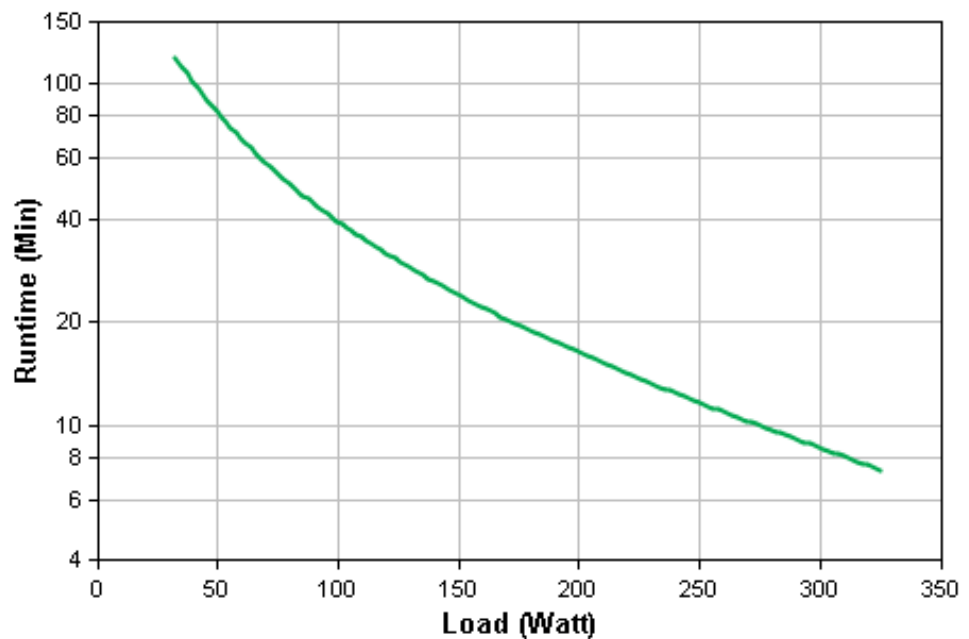
Output Power Capacity	325 Watts / 500 VA
Max Configurable Power	325 Watts / 500 VA
Nominal Output Voltage	120V
Efficiency at Full Load	94.0%
Output Voltage Distortion	Less than 5%
Output Frequency (sync to mains)	47 - 53 Hz for 50 Hz nominal, 57 - 63 Hz for 60 Hz nominal
Topology	Line Interactive
Waveform Type	Sine wave
Output Connections	(1) Hard Wire 3-wire (H N + G)

Input

Nominal Input Voltage	120V
Input Frequency	50/60 Hz +/- 3 Hz (auto sensing)
Input Connections	Hard Wire 3 wire (1PH+N+G)
Input voltage range for main operations	82 - 144V
Input voltage adjustable range for mains operation	75 - 154V

Batteries & Runtime

Battery Type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof
Included Battery Modules	1
Battery Slots Empty	1
Typical recharge time	2 hour(s)
Replacement Battery	APCRBC135
RBC Quantity	1
Runtime Graph	



Hover over the line on the graph above to view the runtime at any desired load

Curve fit to measured runtime data. All measurements taken with new, fully charged batteries, at typical environmental conditions, with no electrical input and balanced resistive load (PF = 1.0) output.

[View Enlarged Graph](#)

[View Runtime Chart](#)

Communications & Management

Interface Port(s)	DB-9 RS-232, SmartSlot
Available SmartSlot™ Interface Quantity	1
Control panel	LED status display with load and battery bar-graphs and On Line : On Battery : Replace Battery : and Overload Indicators
Audible Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
Emergency Power Off (EPO)	Yes

Surge Protection and Filtering

Surge energy rating	540 Joules
Filtering	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : meets UL 1449

Physical

Maximum Height	5.84 inches (148 mm)
Maximum Width	14.24 inches (362 mm)
Maximum Depth	6.72 inches (171 mm)
Net Weight	28.30 lbs. (12.86 kg)
Shipping Weight	29.30 lbs. (13.32 kg)
Shipping Height	11.68 inches (297 mm)
Shipping Width	11.68 inches (297 mm)
Shipping Depth	18.93 inches (481 mm)

Environmental

Operating Environment	32 - 104 °F (0 - 40 °C)
Operating Relative Humidity	0 - 95%
Operating Elevation	0-10000 feet (0-3000 meters)
Storage Temperature	5 - 113 °F (-15 - 45 °C)
Storage Relative Humidity	0 - 95%
Storage Elevation	0-50000 feet (0-15000 meters)
Audible noise at 1 meter from surface of unit	55.00 dBA
Online Thermal Dissipation	90.00 BTU/hr
Protection Class	IP 20
Conformance	
Approvals	UL Recognized
Standard warranty	2 years repair or replace
Sustainable Offer Status	
RoHS	Compliant
REACH	REACH: Contains No SVHCs

*Except where noted, all prices are Estimated Resale Price (ERP) - Without Tax/VAT. Pricing in other locations and sites may vary.

**The time to recharge to 90% of full battery capacity following a discharge to shutdown using a load rated for 1/2 the full load rating of the UPS.