Product data sheet Characteristics

SUA500PDR-H

APC DIN Rail - Panel Mount UPS with High Temp Battery 500VA 120V





Overview

Lead time Usually in Stock		Lead time	Usually in Stock
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General

Provided equipment	CD with software Documentation CD Installation guide Smart UPS signalling RS-232 cable	
Number of power module free slots	0	
Number of power module filled slots	0	
Redundant	No	
UPS size	WS	

Physical

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Overview		
Lead time	Usually in Stock	
General		
Provided equipment	CD with software	
	Documentation CD Installation guide	
	Smart UPS signalling RS-232 cable	
Number of power module free slots	0	
Number of power module filled slots	0	
Redundant	No	
UPS size	WS	
Dhysical		
Physical Depth	17.1 cm	
Height	14.8 cm	
Mounting preference	No preference	
Net weight	11.48 kg	
Mounting mode	Not rack-mountable	
Two post mountable	0	
USB compatible	No	
Width	36.2 cm	
Input		
Network frequency	50/60 Hz +/- 3 Hz auto-sensing	
Number of input connectors	1 hard wire 3-wire (1P + N + E)	
Input voltage limits	75154 V adjustable 82144 V	
Fab. 40, 2024		

Input

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Network frequency	50/60 Hz +/- 3 Hz auto-sensing	
Number of input connectors	1 hard wire 3-wire (1P + N + E)	i c
Input voltage limits	75154 V adjustable 82144 V	

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out voltage	120 V
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Output

Rated power in W	325 W
Maximum configurable power in W	325 W
Harmonic distortion	Less than 5 %
Output frequency	4753 Hz for 50 Hz nominal sync to mains 5763 Hz for 60 Hz nominal sync to mains
UPS type	Line interactive
Wave type	Sine wave
Output connector type	Hard wire 3-wire (H N + E) 1
Curve equation	Efficiency
Curve load maximum	100 %
Curve X-axis maximum	100 %
Curve X-axis minimum	0 %
Curve X-axis title	Load
Curve X-axis units	Percentage
Curve Y-axis maximum	100 %
Curve Y-axis minimum	50 %
Curve Y-axis title	Efficiency
Curve Y-axis units	Percentage
Efficiency	94 % (full load)
Graph display	1
Output voltage	120 V
Maximum configurable power in VA	500 VA
Rated power in VA	500 VA

Conformance

Product certifications	UL recognized
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Environmental

Ambient air temperature for operation	050 °C
Relative humidity	095 %
Operating altitude	010000 ft
Ambient air temperature for storage	-555 °C
Storage altitude	0.0015240.00 m
Acoustic level	55 dBA
Heat dissipation	90 Btu/h
Show note OP temperature	No
IP degree of protection	IP20

Batteries & Runtime

Battery type	Lead-acid battery
Number of battery filled slots	1
Number of battery free slots	1
Battery recharge time	2 h
Number of battery replacement quantity	1
Liquid value	0
Battery curve	В
Battery charger power	60 W rated
Battery power in VAH	120 VAh runtime

Battery life	35 year(s)
Extended runtime	0

Communications & Management

Free slots	1
Control panel	LED status display with load and battery bar-graphs and on line : on battery : replace battery : and overload indicators
Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
Emergency power off	Yes

Surge Protection and Filtering

Surge energy rate	540 J
Noise suppression	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : meets UL 1449

Packing Units

Package 1 Weight	13.3 kg	
Package 1 Height	29.7 cm	
Package 1 width	29.7 cm	
Package 1 Length	48.1 cm	

Offer Sustainability

Sustainable offer status	Green Premium product	
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	

Contractual warranty

Warranty	2 years repair or replace