

Stand-Alone Hardened Power Supply

345 Watt Isolated Power Supply with 56VDC and 24VDC Dual Output



This stand-alone power supply is designed to offer dual DC power output in extended temperature environments. It has a compact form factor and can be DIN rail mounted.

Ordering Information

PS-DC-DUAL-5624T

345 Watt Power Supply with 56VDC and 24VDC dual output

Features

- Compact Stand-Alone or DIN Rail form factor
- Wide 100 – 240VAC power input with externally accessible fuse
- Dual Output: 315W at 56VDC and 30W at 24VDC, Terminal Block Connectors
- Maximum output: 345 Watts
- Full compliance with IEEE 2250VDC PoE isolation requirements
- Active fan speed control based on temperature
- Front panel LED to indicate the status of power supply, fan faults and temperature
- 2-Pin alarm DC relay output with 5 event monitoring
 - Fan tachometer monitoring for low speed or lock conditions
 - Over or under temperature
 - 24V output out of spec

Specifications

Output 1	Voltage	56V (terminal block)
	Regulation	+/- 2%
	Current Rating	5.7A
	Power Rating	315W
Output 2	Voltage	24V (terminal block)
	Regulation	+/- 5%
	Current Rating	1.25A
	Power Rating	30W
Input Voltage Range		100-240VAC
Input Frequency Range		47 - 63 HZ
Power Consumption		4A at 120 VAC (typical)
Dimensions	Width: 6.25"	[159 mm]
	Depth: 6.45"	[164 mm]
	Height: 1.75"	[44 mm]
Weight		1.8 lbs. [0.82 kg]
MTBF		623,377 hrs
Environment	Operating:	
	-20°C to +70°C (restricted)	
	-20°C to +50°C (unrestricted)	
	Storage: -30°C to +70°C	
Certifications	Operating Humidity: 5% to 95% (non-condensing)	
	EMI: EN55032 Class A, EN55024	
Warranty	Safety: EN60950, UL 60950	
	5 Years	

Power Cord Included

To order the corresponding country specific power cord, add the extension from the list below to the end of the SKU; Ex: PS-DC-DUAL-5624T-NA

-NA = Country Code

AL = North America locking right angle
 NA = North America
 LA = Latin America
 EU = Europe
 UK = United Kingdom
 SA = South Africa
 JP = Japan
 OZ = Australia
 BR = Brazil

Mouser Electronics

Authorized Distributor

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