

## Stand-Alone Hardened Power Supply

345 Watt Isolated Power Supply with 56VDC and 12/24VDC Dual Output



PS-DC-DUAL-5624T

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.

### 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 or 12VDC, 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
  - 12/24V 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) (5624T) 12V (terminal block) (5612T)
	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 Operating Humidity: 5% to 95% (non-condensing)
Certifications		EMI: EN55032 Class A, EN55024 Safety: EN60950, UL 60950
Warranty		5 Years

### Ordering Information

**PS-DC-DUAL-5624T**

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

**PS-DC-DUAL-5612T**

345 Watt Power Supply with 56VDC and 12VDC dual output

\*Note: By Request Only

### 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