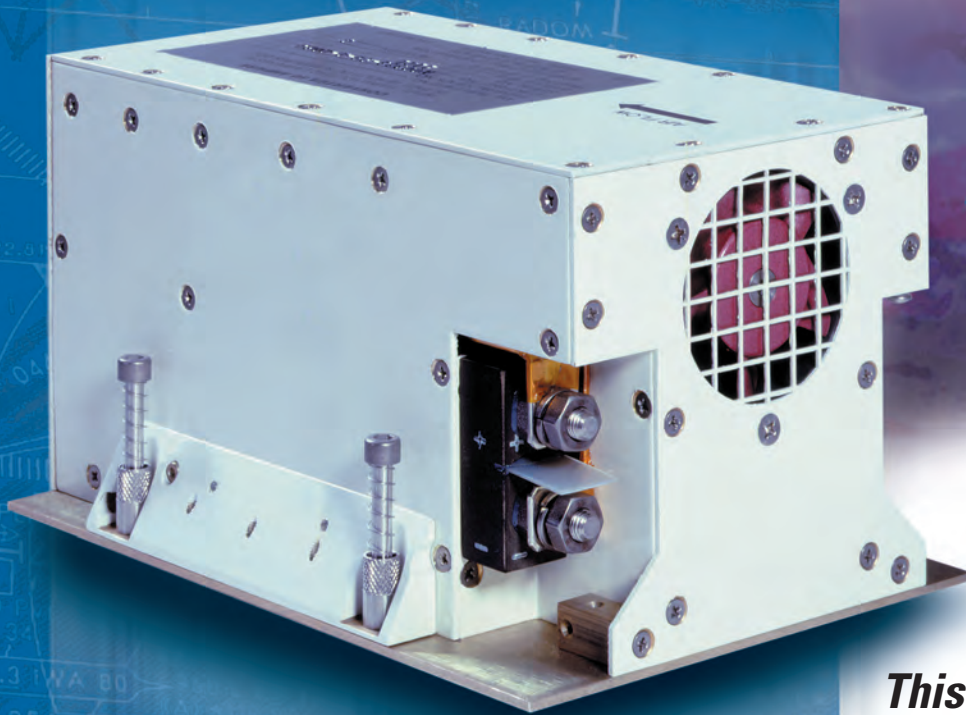


# Acme NonStop *Power*

*for Every Mission*



**50 Amp AC/DC Converter**  
**Part No. 174PS101-2**

*This **Rugged Converter/Battery Charger** performs under the most stringent environmental conditions*

The 50-Amp Converter/Battery Charger converts 3-phase AC power to 28 VDC with a maximum current of 50 Amps. The converter will withstand 30 G's of vibration for up to two hours to satisfy the most demanding conditions.



# 50 AMP AC/DC POWER CONVERTER

Part No. 174PS101-2



## Electrical

Input Power Requirements	115/200 VAC, 400 Hz 3-Phase Power Factor .90, 50% to 100% Loads		
Output Voltage	27.75 VDC – 28.75 VDC Regulated		
Output Current	50 Amps		
	Overload (Percent Rated Current)	Minimum Duration	Output Voltage Volts
	120	2 Minutes	27.25 – 28.75
	150	5 Seconds	26.00 – 28.75
	Short Circuit (150% Rated Current Minimum)	5 Seconds	0.00 – 1.00
Efficiency	85% Minimum from 51% to 100%		

## Environmental

Operating Temperature Range	-55°C to 71°C
Cooling	Fan Cooled
EMI	MIL-STD-461

## Dimensions

Width	5.00"
Height	4.13"
Length	7.30"
Weight	6.0 Lbs Max.
Mounting	4.56" x 3.50"

## Connector(s)

Input	MS3102E-168-8P
Output	Terminal Studs-.250-28 UNF-2A (2)



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