



# AC to DC POWER CONVERTER

## Multiple DC outputs

### Model: BC-404

**MADE  
IN THE  
U.S.A.**

#### ELECTRICAL SPECIFICATIONS:

Input: 115 VRMS, 3 Phase, 400 Hz  
IAW MIL-STD-704  
Power Factor: 0.88 Min.  
Inrush current < 13 A Max.

Outputs: DC Outputs  
+3.3 VDC @ 16.5 Amperes Max.  
Ripple & Noise < 30mVp-p  
+5 VDC @ 66 Amperes Max.  
Ripple & Noise < 50mVp-p  
+12 VDC @ 0.8 Amperes  
Ripple & Noise < 120mVp-p  
-12 VDC @ 0.8 Amperes  
Ripple & Noise < 120mVp-p  
+24 VDC @ 0.2 Amperes

Efficiency: 75% Minimum

Isolation:

Input to Output: 10Meg @ 1000VDC  
Input to chassis: 10Meg @ 1000 VDC  
Output to chassis: 10Meg @ 50VDC

Weight: 4.0 pounds max.

Protection/Status BIT

Over-voltage  
Over-current  
Over-temperature

Cooling: Conduction Cooling

Temperature:

Operating: -40°C to +80°C  
Non-Operating: -55°C to +85°C



**5 OUTPUTS, 400 WATT  
POWER SUPPLY  
QUALIFIED TO DO-160D &  
MIL-STD-704  
LOW PROFILE, RUGGEDIZED  
AIR-BORNE APPLICATION**

Shock IAW DO-160  
Vibration IAW DO-160  
EMI/EMC IAW Do-160  
Size: 7.5" x 9.8" x 1.2"

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*"ALL OF YOUR POWER REQUIREMENTS"*



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**ISO 9001:2000  
REGISTERED**

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