AC POWER CONVERTER
AC and DC Outputs
Model: BC-2100

**ELECTRICAL SPECIFICATIONS:**

**Input:**
- 115 VRMS, 3 Phase, 400 Hz
- IAW MIL-STD-704
- Power Factor > 0.80

**Outputs:**
- 115 VRMS, 60 Hz @ 12 Amperes
- VRMS Max.
- Ripple & Noise < 50mVp-p
- +48 VDC @ 15 Amperes Max.
- 50milli-seconds Holdup 1900 Watts

**Efficiency:** 70% Minimum

**Isolation:**
- Input to Output: 50Meg @ 500VDC
- Input to chassis: 50Meg @ 500 VDC
- Output to chassis: 50Meg @ 50VDC

**Weight:** 16.25 pounds max.

**Protection/Status BIT**
- Over-voltage
- Over-current
- Over-temperature

**Cooling:** Forced Conduction Cooling

**Temperature:**
- Operating: -20°C to +55°C
- Non-Operating: -40°C to +85°C

**Vibration**
- IAW MIL-HDBK-5400

**EMI/EMC**
- IAW MIL-STD-461E

**Size:** 9.4” x 12.0” x 10.3”

BC Systems Inc., is a designer and manufacturer of military power supplies, using the latest solid state device technology to achieve reliable specification compliant products. Power supplies are designed to meet or exceed customer specified environmental requirements. Military applications include all service platforms: ground, air and shipboard. Power supply technical qualifications are based on our vast experience in the design and manufacture of power supplies.

BC Systems Inc employs innovative packaging and thermal management techniques which are manufactured onsite providing enhanced production process control. Our complete in-house manufacturing capability provides our design and manufacturing team with the advantage of supplying products that achieve maximum performance, in the smallest package possible, within schedule requirements.

BC Systems is a small, Veteran owned business serving the U.S. Government and U.S. Military for over 22 years. BC Systems' specializes in Power Supplies.

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"ALL OF YOUR POWER REQUIREMENTS"

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