



AC POWER CONVERTER

AC and DC Outputs

Model: BC-2100

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

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"



2100 WATT POWER SUPPLY

AC & DC OUTPUTS

FULLY QUALIFIED

AIR-BORNE APPLICATION

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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**ISO 9001:2000
REGISTERED**

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