AC to DC POWER CONVERTER
Multiple DC outputs
Model: BC-404

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"

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.

"ALL OF YOUR POWER REQUIREMENTS"

BC SYSTEMS, INC
200 BELLE MEAD ROAD
SEATAUKET, N.Y. 11733
www.bcpowersys.com

PHONE (631) 751-9370 FAX (631) 751-9378 E-mail: sales@bcpowersys.com

MADE IN THE U.S.A.

ISO 9001:2000 REGISTERED