AC to DC POWER CONVERTER
Multiple DC outputs
Model: BC-330

ELECTRICAL SPECIFICATIONS:

Input: 115 VRMS, 3 Phase, 400 Hz
IAW MIL-STD-704
Power Factor: 0.88 Min.
Inrush current < 13 A Max.
Outputs: Multiple DC Outputs
+3.3 VDC @ 3.5 Amperes Max.
-5 VDC @ 1.0 Amperes Max.
+5 VDC @ 3.0 Amperes Max.
Ripple & Noise < 50mVp-p
-12 VDC @ 1.0 Amperes
+12 VDC @ 2.0 Amperes
Ripple & Noise < 120mVp-p
+51 VDC @ 5.0 Amperes
+51 VHP @ 0.1 Amperes
-68 VDC @ 0.1 Amperes
Ripple & Noise < 200mVp-p
Efficiency: 70% Minimum
Isolation:
Input to Output: 10Meg @ 500VDC
Input to chassis: 10Meg @ 500 VDC
Output to chassis: 10Meg @ 50VDC
Weight: 3.5 pounds max.
Protection/Status BIT
Over-voltage
Over-current
Over-temperature
Cooling: Conduction cooled
Temperature:
Operating: -40°C to +85°C
Non-Operating: -51°C to +85°C

320 WATTS, 3 PHASE,
400Hz MULTIPLE OUTPUT ISOLATED POWER SUPPLY
QUALIFIED TO DO-160D &
MIL-STD-704, AIR-BORNE

Shock IAW DO160
Vibration IAW DO-160
EMI/EMC IAW DO-160
Size: 9.60" x 6.8" x 1.25"

BC Systems Inc., is a designer and manufacturer of military power supplies, using the latest solid state 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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MADE IN THE U.S.A.

ISO 9001:2000 REGISTERED