



DC to DC POWER CONVERTER

Multiple DC outputs

Model: BC-302

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

ELECTRICAL SPECIFICATIONS:

Input: 28 VDC

Outputs: DC Outputs

+3.3 VDC @ 20 Amperes Max.

+5 VDC @ 20 Amperes Max.

Ripple & Noise < 50mVp-p

+12 VDC @ 2.0 Amperes

-12 VDC @ 2.0 Amperes

+20 VDC @ 2.0 Amperes

-20 VDC @ 2.0 Amperes

Ripple & Noise < 150mVp-p

Efficiency: 68% Minimum

Isolation:

Input to Output: 10Meg @ 500VDC

Input to chassis: 10Meg @ 500 VDC

Output to chassis: 10Meg @ 50VDC

Weight: 3.0 pounds max.

Protection/Status BIT

Over-voltage

Over-current

Over-temperature

Cooling: Conduction Cooling

Temperature:

Operating: -40°C to +85°C

Non-Operating: -55°C to +85°C

Shock IAW DO-160

Vibration IAW DO-160

EMI/EMC IAW Do-160

Size: 3.8" x 6.2" x 1.7"



300 WATTS, 4 OUTPUT,

28V INPUT POWER SUPPLY

QUALIFIED TO DO-160D FOR

AIR-BORNE APPLICATIONS

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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REGISTERED**

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