



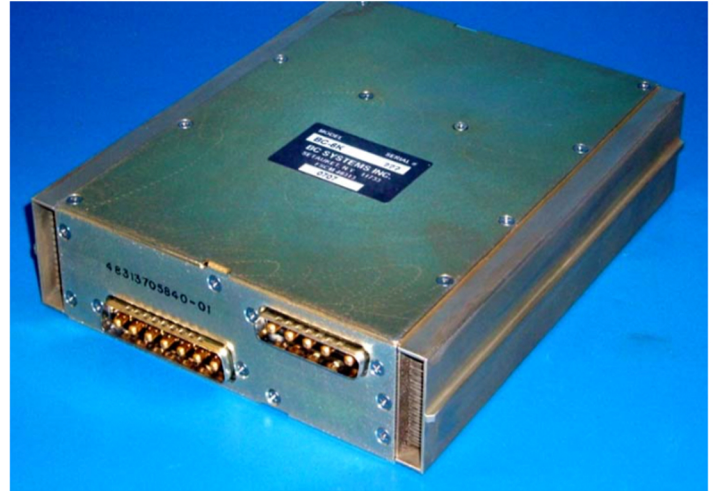
AC to DC POWER CONVERTER Three Phase PFC Regulator Model: BC-6K

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

ELECTRICAL SPECIFICATIONS:

Input: 115 VRMS, 3 Phase, 400 Hz
IAW MIL-STD-704
Power Factor: 0.99
Line Current Harmonics: -35dB below
fundamental
Output: 380 VDC@29 A Peak
380 VDC@ 16 A Avg
Efficiency: 96% Minimum
Isolation:
Input to Output: Non Isolated
Input to chassis: 1Meg @ 500 VDC
Weight: 3.9 pounds
Protection/Status BIT
Over-voltage
Over-current
Over-temperature
Missing Phase Detection
DC Output within Specification
Electronic Serial Number
Independent ON/OFF Controls
Cooling: Forced Air – Integral finned heat-sink
Temperature:
Operating: -54°C to 55°C @7.5 CFM
Non-Operating: -54°C to +85°C
Shock: 21.6 g's, 35 milli-second
Size: 6.1" x 8.0" x 1.75"

Adequate mounting and cooling required
Extended multi year warranty available



6KW AVG, 11KW PEAK POWER

COMPACT, RUGGEDIZED

MEETS CE101 FOR ASW AIRCRAFT

LIGHTWEIGHT < 4lbs

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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