



Advanced Conversion Technology, Inc.

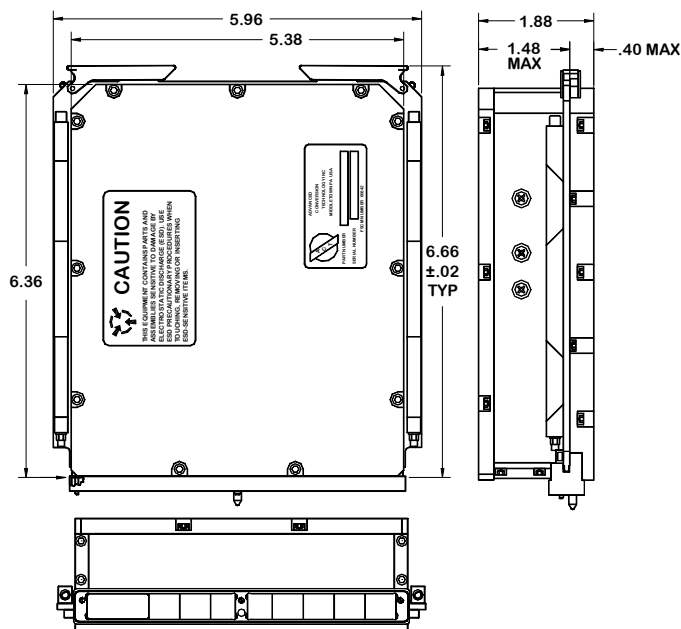
MULTI OUTPUT AMLCD
DC/DC POWER SUPPLY
SR - 18721

This low voltage DC/DC multi-output power supply operates from 270 VDC, MIL-STD-704E, rectified three phase input power and produces thirteen output voltages. Designed to provide the power for a military helicopter AMLCD display it incorporates many desirable electrical and mechanical features. The rugged SEM-E construction, integrated heatsink and Hi-Rel workmanship insures a reliable design.



FEATURES

- Thirteen Outputs
- Military Helicopter Display
- I²C Interface
- 1 msec Hold Up
- MIL-STD-704E Transient
- Rugged Construction
- SEM-E Module Construction
- Output Voltage BIT
- Overload Protected



ELECTRICAL CHARACTERISTICS

Input Voltage: + 270 VDC per MIL-STD-704E

Outputs:

+3.3 VDC @ 20 A	+5.0 VDC @ 6 A
-5.2 VDC @ 0.4 A	+5.2 VDC @ 0.8 A
+11 VDC @ 0.9 A	+12 VDC @ 0.3 A
+15 VDC @ 1.5 A	-15 VDC @ 1.4 A
+16 VDC @ 0.1 A	+18 VDC @ 0.4 A
-18 VDC @ 0.4 A	+5.0 VDC @ 0.7 A
+5.0 VDC @ 0.7 A	

Environmental:

- Airborne Inhabited Fighter
- Temperature Range: -40°C to +75°C, Cold Wall
- Vibration: MIL-STD-810, Method 514.1, Proc. 1
- Shock: 20 g's per MIL-STD-810C
- EMI: MIL-STD-461B
- Altitude: 70,000 ft
- Weight: 1.9 lbs

Connector: M1050-00098, Teradyne

Specifications subject to change without notice

Copyright 2002, All Rights Reserved: 2001 Fulling Mill Rd, Middletown, PA 17057

Phone: (717) 939-2300 Fax: (717) 939-7170 Website: www.actpower.com E-mail: mail@actpower.com