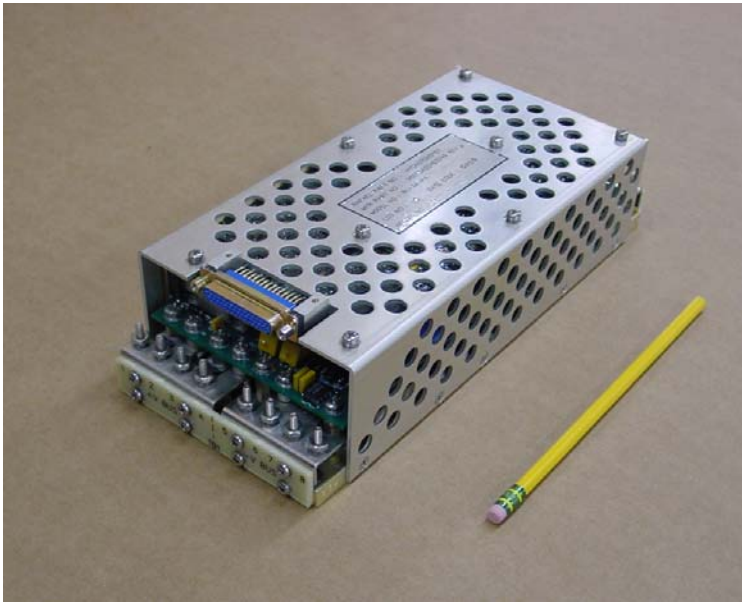


POWER SUPPLY

POWER AMPLIFIER

- PWM MOTOR CONTROLLER
- COMBAT VEHICLE TURRET DRIVE



Features:

- 2200W Continuous Rating
- Control and Monitoring:
 - Current Range Select
 - External Set Current Limiting
 - Internal Supply Monitors
 - Amplifier Status Monitors
 - Over Temperature Protection
 - Under/Over Voltage Protection

Espey Mfg. designed and manufactures this power amplifier for a ground based combat vehicle application. The amplifier supports the servo action of the turret drive, providing 4-quadrant drive operation of the motor drive.

Specifications:

Electrical Specifications

- **Input:**
+/- 10 VDC
- **Output:**
+/- 100 Amp
- **Rating:**
2200W continuous
- **Efficiency:**
93%
- **Power Density:**
9 W/in³

Mechanical Specifications

- Air-cooled
- Withstands Severe Shock/ Vibration Environment

Rev. A