

**HPRM SERIES**  
**SINGLE / MULTIPLE OUTPUT**  
**SWITCHING POWER SUPPLIES**  
10 KW WITH PFC

**APPLICATIONS**

The HPRM is a high power programmable DC power supply. Since its introduction the HPRM has evolved into one of the most reliable, compact, high performance power supplies available. It features excellent performance in demanding high current applications such as RF amplifiers, DC motors and Magnetic Coils. The many standard features make it an excellent choice for both OEM and laboratory applications.



**STANDARD FEATURES**

- Rugged construction for vehicular use.
- Substantial EMI filtering.
- Metered output volt and amp.
- Voltage and current adjustment.
- Input Circuit breaker.
- Military circular connectors for all inputs and outputs.
- Self contained DC fans.
- Provision for slides.
- Full diagnostic capabilities with visual indicators for UV, OV, OT and overheat.

**AVAILABLE OPTIONS**

- Low Voltage Battery Disconnect (LVBD) for battery back-up operation.
- 400Hz Input
- Ruggedized for shock and vibration.
- Replaceable external fans.
- Oring diode redundant/parallel operation.

**SPECIFICATIONS**

**ELECTRICAL**

Input: 120/208 3P 4 wire 47-63Hz  
Line Regulation:  $\pm .3\%$   
Load Regulation:  $\pm 1\%$   
Ripple: 1% peak to peak, not to exceed 300mvpp  
Efficiency: 88% min  
Protection: OV, OL & OT  
Hold-up Time: 20 ms min

**MECHANICAL AND ENVIRONMENTAL**

Temperature Coefficient:  $.02\%^\circ\text{C}$   
EMI: Designed to meet MIL-STD-461 with some deviations  
Safety: Designed to meet UL 1950  
Operating Temperature:  $-10^\circ\text{C}$  to  $+50^\circ\text{C}$   
Storage Temperature:  $-40^\circ\text{C}$  to  $85^\circ\text{C}$   
Cooling: External DC fans  
Humidity: Up to 95% RH non-condensing  
Weight: 105 lbs.  
Size: 10.5"(H) x 19" (W) x 22" (L)