

HPRM SERIES
10KW SINGLE / MULTIPLE OUTPUT
SWITCHING POWER SUPPLIES
10.5" x 19" x 22"
POWER FACTOR CORRECTED

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°C to $+50^\circ\text{C}$
Storage Temperature: -40°C to 85°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)

MODEL SELECTION

MODEL	OUTPUT VOLTAGE	OUTPUT CURRENT
HPRM-28-350	28 VDC	350 AMPS
HPRM-48-200	48 VDC	200 AMPS
HPRM-120-83	120 VDC	83 AMPS
HPRM-250-40	250 VDC	40 AMPS

Note: Up to 3 additional outputs are available, contact the factory for your exact requirement.

OPTION DESIGNATION	
- ORD	ORING DIODE REDUNDANT / PARALLEL OPERATION
- MIL	RUGGEDIZED FOR SHOCK AND VIBRATION
- LVBD	LOW VOLTAGE BATTERY DISCONNECT
- 400 Hz	400 Hz INPUT
- REF	REPLACEABLE EXTERNAL FANS

MECHANICAL OUTLINE

