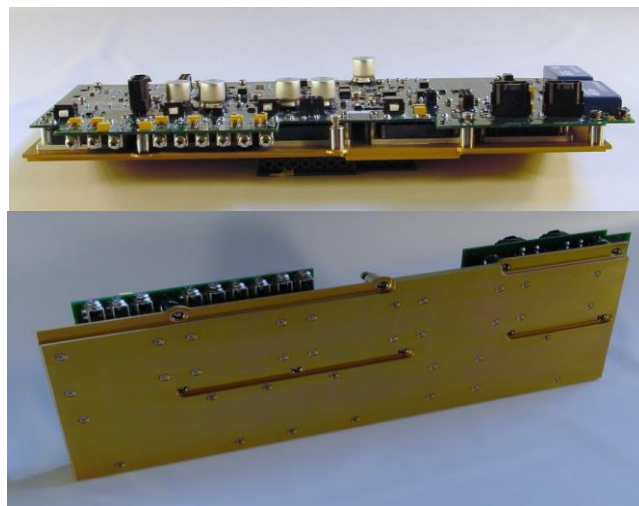


MPS

MILLENNIUM POWER SYSTEMS

 MADE IN THE USA



Model custom

Low profile, 15" x 6", 800 Watt

Conduction cooled seven output, ground and air vehicle applications. Call for options.

SPECIAL FEATURES

- Designed for MIL-STD-1275B and MIL-STD-704 applications
- DC input: 28v, battery and vehicle (surge suppression)
- ATX Compatible outputs: 5V, 3.3V, +12V, -12V, 5VSB, PS and PG
- Auxiliary DC outputs: 12VDC, and 28VDC
- Battery backup and charge optimized for lead-acid applications
- Smart chassis control: for power up and power down
- Aux output connectors: for drives, fans, and 28VDC
- Conduction cooling: Using cold plate
- Power Good: checked for temperature and all outputs are tested

ELECTRICAL SPECIFICATIONS

Input parameters

Input 1 range	26-30 VDC
Frequency	DC (AC options)
Input 2 range	18-100 VDC
Frequency	DC only
Input 3 range	24 VDC
Battery	Lead-acid
Charger	built in

Isolation input to output

NOTE: Specifications subject to change without notice. 02/08/15

VOLTAGE / CURRENT RATINGS

Voltage	Maximum	Peak
+5V *	32A	45A
+3.3V *	32A	45A
+12VA *	12A	16A
+12VB	12A	16A
-12V	.6A	1A
5VSB	.5A	1A
28V	5A	7A

* Remote sense

Output parameters

Line regulation	+/- 0.5%
Load regulation	+/- 1% on all outputs
Ripple and noise	1% Pk to Pk

ENVIRONMENTAL SPECIFICATIONS

Temperature operating -20C to +50C
 Altitude operating 12,000ft
 Temperature non-operating -55C to +85C

MECHANICAL SPECIFICATIONS

Connections

Input connector	Cabled
Output connector	Screw terminal

Mechanical dimensions

Dimensions (PCB):	14.5" x 6.125" x 1.75"
Weight:	4.5 lbs