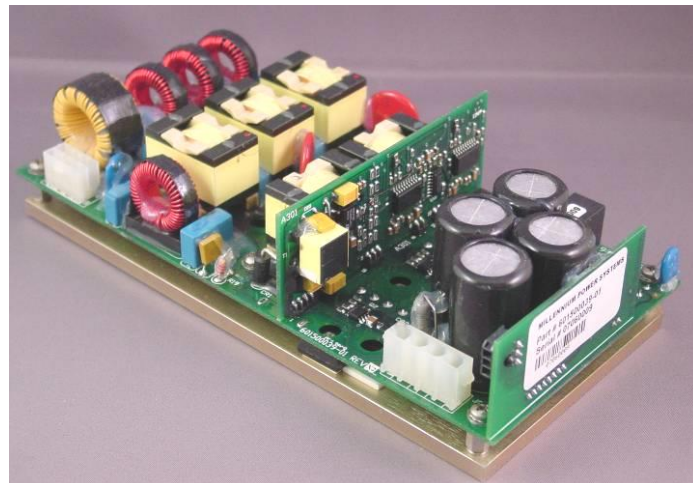


MPS

MILLENNIUM POWER SYSTEMS

 MADE IN THE USA



Part Number 601500039-00

Three phase, 850 Watt Front End

Conduction cooled, power factor corrected with extended holdup. Call for options.

SPECIAL FEATURES

- Three phase Active Power Factor Corrected
- Designed for MIL-STD-704 aircraft power
- Design for rugged applications
- Isolated missing phase detect
- No minimum load
- Conduction cooled with coldplate
- Optional cooling configurations

ELECTRICAL SPECIFICATIONS

Input parameters

Input range	95-135 L-N, 3 phase VAC
Frequency	47-480 Hz
EMI filter	MIL-STD-461
Inrush current	< 15A @ 130VAC
Isolation	no
Active PFC	0.95% @ 60 hz

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

Output parameters

Output	380vdc
Load regulation	+/- 1% on all outputs
Ripple and noise	1% Pk to Pk
Hold-up time	50ms minimum
MPD	TTL active "low impedance"
Missing phase	>50ms ride through
MPD isolation	1500V

ENVIRONMENTAL SPECIFICATIONS

Humidity	Up to 95% non-condensing
Storage Temperature	-25 to +85 C
Operating Temperature	-25 to 55C continuous duty
Operating altitude	11,000 ft.

MECHANICAL SPECIFICATIONS

Connections

Input connector	P1 - Molex 39-29-0083
DC output	P2 - Molex 10-84-4040
AUX output	P3 - Molex 43650-0300

Mechanical dimensions

Dimensions (PCB):	8.2"L x 4.2"W x 2.3"H
Weight:	2.6 lbs