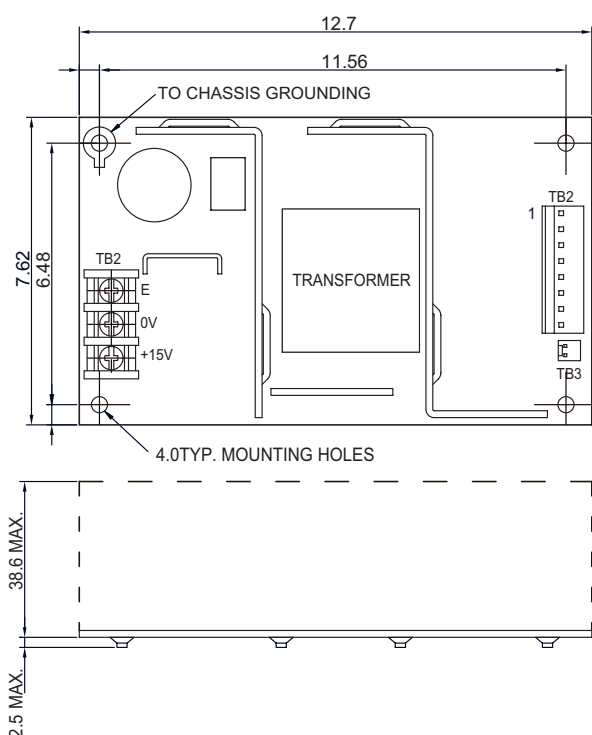
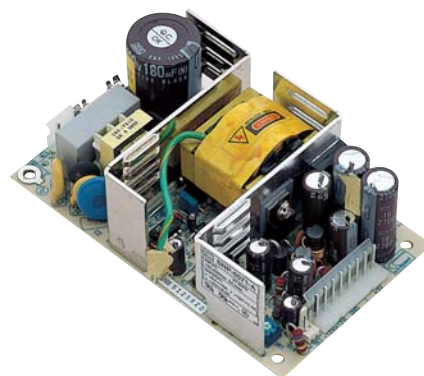


# Power Supply

## MPE-8071

70W AC-DC Open Frame Power Supply  
Input Range: 85~270VAC



Pin	Output	Output	Min. Load	Rated Load	Max. Load	Voltage Accuracy
1~3	+5V	+5V	0A	10A	12A	5~5.1V
4~6	GND	+12V	0A	1.5A	2.5A	11.2~11.6V
7	+12V	-12V	0A	0.3A	0.3A	-10.8~-12V
8	-12V					

### ★ Specifications

- \* **Input Voltage:** 85~270VAC
- \* **Input Current:** 2A at 115VAC or 1A at 230VAC max.
- \* **Inrush Current:** Does not exceed 30A at 115VAC input or 60A at 230VAC input, at cold start 25°C, and excluding EMI suppression capacitors
- \* **Load Range:** All outputs are at min. load conditions, while +5V output is between 5~5.1V and all other outputs are within the specified voltage accuracy range
- \* **Ripple and Noise:** Peak to peak ripple and noise for all outputs is < 1% of output voltage at rated load
- \* **Line Regulation:** < +/-2% for each output measured at rated load and +/-10% input voltage range
- \* **Load Regulation:** < +/-3% for +5V, +/-4% for +12V, and +/-5% for -12V with +/-40% change on the measured output load, +/-40% from 60% rated load, while keeping other outputs at 60% rated load
- \* **Hold Up Time:** > 16ms at 115VAC input and rated load, measured from the end of the last charging pulse to when the main output drops down to 95% output voltage
- \* **Efficiency:** > 70% at nominal line and rated load
- \* **Altitude:** 10,000 feet
- \* **Protection:** Latch-off mode against short circuit or over load conditions AC input ON/OFF cycle to restart power supply
- \* **Temperature:** 0~50°C (operating); -40~+85°C (storage)
- \* **Connectors:**  
AC Input: Molex 5277-02A or equivalent device  
DC Output: Molex 5273-08A or equivalent device  
For Fan Use Only: Molex 5045-02A or equivalent device
- \* **Dimensions:** 12.7 x 7.62 x 3.86 cm at tolerance +/-0.4mm

### Safety Standards

- \* **Safety:** UL 1950, CSA 22.2 No.234, VDE EN 60 950
- \* **EMI:** FCC Class B, EN55022B

The Industrial PC Authority



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