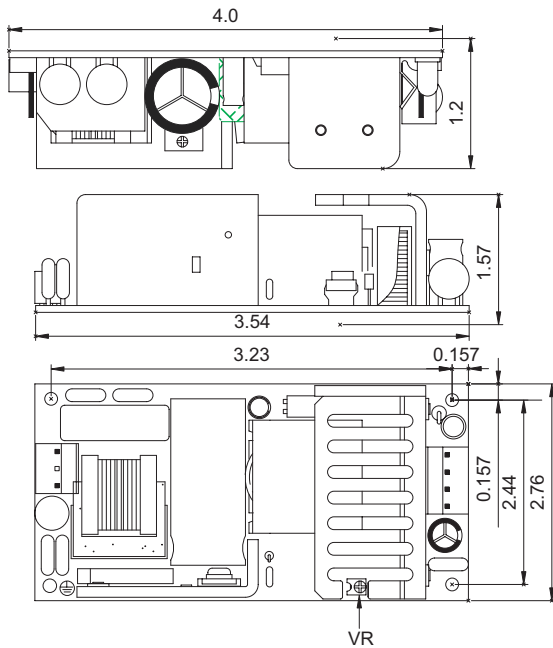
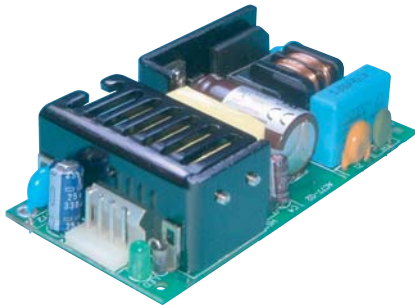


Power Supply

MPE-F40

40W 85~264VAC Open Frame Power Supply



★ Specifications

- * **Input Voltage:** The range of input voltage is from 90~264VAC
- * **Input Frequency:** 47~63Hz
- * **Input Current:** The maximum input current is 0.65A at 115VAC or 0.32A at 230VAC
- * **Inrush Current:** The cold inrush current will limit less than 50A at 264VAC input voltage
- * **Load Range:** At factory, the output is checked between 4.9~5.1V (MPE-F40-05)/ 11.76~12.24V (MPE-F40-12)/23.5~24.5V (MPE-F40-24)/47.04~48.96V (MPE-F40-48) at 60% rated load
- * **Ripple And Noise:** The peak to peak ripple and noise is less than 50mV (MPE-F40-05)/ 120mV (MPE-F40-12)/240mV (MPE-F40-24)/480mV (MPE-F40-48). Measuring is done by 20MHz bandwidth limited oscilloscope and terminated each output with a 0.1uF ceramic capacitor and a 10uF electrolysis capacitor at rated load, nominal line
- * **Line Regulation:** The line regulation is less than +/-0.5% while measuring at rated load and from 100VAC to 240VAC input voltage changing
- * **Load Regulation:** The load regulation for output is less than +/-1%, measuring is done by changing the output load +/-40% from 60% rated load
- * **Hold Up Time:** Hold up time is 8mS typical at 115VAC input, full load
- * **Efficiency:** The efficiency is 78% (MPE-F40-05)/84% (MPE-F40-12)/86% (MPE-F40-24)/88% (MPE-F40-48) typical while measuring is at nominal line and rated load
- * **Protection:** The power supply will go into hiccup mode against short circuit or over load conditions, and will do auto-recovery while faulty conditions are removed
- * **Temperature:** 0~50°C (operating); -40~+85°C (storage)
- * **Humidity:** 5~95% non-condensing
- * **Connectors:**
I/P Connector: Molex housing 09-50-3031 and Molex 2878 series crimp terminal
O/P Connector: Molex housing 09-50-3031 and Molex 2878 series crimp terminal
- * **Dimensions:** 10.16 x 5.08 x 3.05 cm; tolerance specified is +/-0.4mm

Model No.	Output Voltage	Min. Load	Rated Load	Voltage Accuracy
MPE-F40-05	+5V	0A	6A	4.9~5.1V
MPE-F40-12	+12V	0A	3.34A	11.76~12.24V
MPE-F40-21	+24V	0A	1.67A	23.5~24.5V
MPE-F40-48	+48V	0A	0.834A	47.04~48.96V

Safety Standards

- * **Safety:** UL 1950, TUV EN 60950, CE mark
- * **EMI:** EN 55022 "B"

The Industrial PC Authority



BOSER Technology Co., Ltd.

15F-6, No. 77, Hsin Tai Wu Road, Sec. 1, Hsichih, Taipei Hsien 221 Taiwan TEL : 886-2-26983333 FAX : 886-2-26983300
<http://www.boser.com.tw> <http://www.isb.com.tw> <http://www.ipc.com.tw> E-Mail: webmaster@boser.com.tw

U.S.A.
 TEL : +1 650 4280868
 FAX : +1 650 4281172

GERMANY
 TEL : +49 221 954790
 FAX : +49 221 9547988

U.K.
 TEL : +44 1543 466552
 FAX : +44 1543 466553

ITALY
 TEL : +39 051 452042
 FAX : +39 051 455046

KOREA
 TEL : +82 2 34737862
 FAX : +82 2 34743120

ISRAEL
 TEL : +972 3 9203456
 FAX : +972 3 9203535

FRANCE
 TEL : +33 1 69061790
 FAX : +33 1 69433732

FINLAND
 TEL : +358 2 6203753
 FAX : +358 2 6203770

SHANGHAI
 TEL : 021 63676295-7
 FAX : 021 63676286