

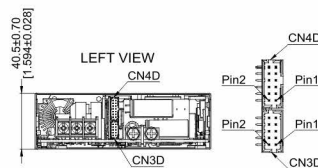
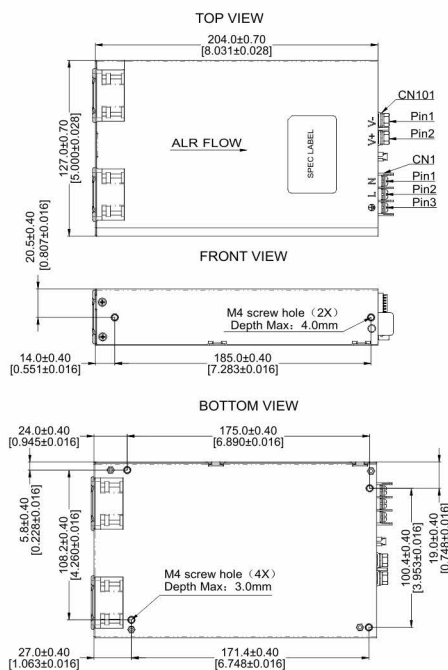
MPE1250 Series**General Description**

The MPE1250 is ideal for applications where high efficiency, high reliability, low cost and low profile are needed, such as CT/MRI medical image machine, aesthetic device, IVD equipment, dialysis machine, etc. Packed in the industry standard 5" x 8" footprint, the MPE1250 can deliver up to 1250W continuous power for a wide range of AC input without power derating to 50 °C ambient temperature. With IEC60601-1 & IEC62368-1 certifications, the unit can be used in both Medical and ITE applications. A 5V/2A standby, current share, voltage trimming, intelligent fan speed control, boot loader, remote on/off, remote sense and power good signal are included as part of the standard product.

Model List

Model	Input Voltage (Vac)	Nominal Output Voltage (V)	Voltage Trimming Range(V)	Max. Current (A)	Max. Power (W)
MPE1250A24T	90 - 264	24	22.8 ~ 25.2	52.08	1250
MPE1250A36T	90 - 264	36	34.2 ~ 37.8	37.72	1250
MPE1250A42T	90 - 264	42	39.9 ~ 44.1	29.76	1250
MPE1250A48T	90 - 264	48	45.6 ~ 50.4	26.04	1250

MPE1250A-xx Series: 127.0 x 204.0 x 40.5mm(WxLxH)



Terminal	Function	Product Connector
CN1	Pin1 N	TML TB BHK 3-03-9.52-02-T2-G1-C
	Pin2 Φ	13kgf.cm(M4 Screw)
	Pin3 L	
CN101	Pin1 V-	TML
	Pin2 V+	PIN MFE 04541-T16.8kgf.cm(M5 Screw)
CN4D	Pin1 R+	Pin8 STBY+
	Pin2 R-	Pin9 STBY-
	Pin3 PG+	Pin10 STBY-
	Pin4 PG+	Pin11 S+
	Pin5 REDERIVED	Pin12 S-
	Pin6 REDERIVED	Pin13 Current Share
	Pin7 STBY+	Pin14 STBY-
	Pin1 CSV+	Pin6 REDERIVED
	Pin2 CSV-	Pin7 A0
	Pin3 SCA	Pin8 A1
CN3D	Pin4 SCL	Pin9 A2
	Pin5 REDERIVED	Pin10 REDERIVED