

MPE800 Series



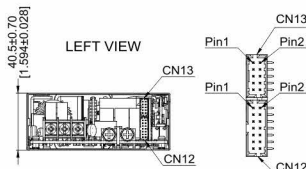
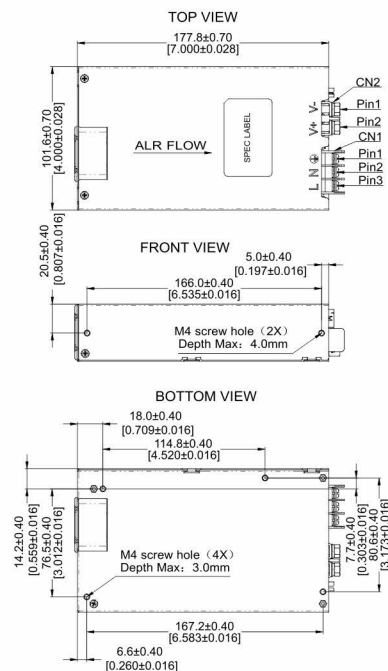
General Description

The MPE800 is ideal for applications where high efficiency, high reliability, low cost and low profile are needed, such as IVD equipment, aesthetic device, dialysis machine, etc. Packed in the industry standard 4" x 7" footprint, the MPE800 can deliver up to 800W 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)
MPE800A12T	90 - 264	12	11.4 ~ 12.6	66.6	800
MPE800A24T	90 - 264	24	22.8 ~ 25.2	33.3	800
MPE800A36T	90 - 264	36	34.2 ~ 37.8	22.2	800
MPE800A48T	90 - 264	48	45.6 ~ 50.4	16.6	800

MPE800A-xx Series: 101.6 x 177.8 x 40.5mm(WxLxH)



Terminal	Function	Product Connector
CN1	Pin1 N	TML
	Pin2 PE	TS BHK 3-03-9-52-02-T2-G1-C
	Pin3 L	13kgf.cm(M4 Screw)
CN2	Pin1 V-	TML
	Pin2 V+	PIN MFE 04541-T16.8kgf.cm(M5 Screw)

CN12	Pin1 RESERVED	Pin8 STBY+	Product Connector: WCON 3121-14R08B00R1 Client Connector: Housing WCON 3121-2407B02 Crimp WCON 3121-17P002
	Pin2 R	Pin9 STBY-	
	Pin3 PG	Pin10 S+	
	Pin4 REDERIVED	Pin11 S-	
	Pin5 REDERIVED	Pin12 S-	
CN13	Pin6 REDERIVED	Pin13 Current_Share	Product Connector: WCON 3118-10R08B00R1 Client Connector: Housing WCON 3121B-2407B02 Crimp WCON 3121-17P002
	Pin7 STBY+	Pin14 STBY-	
	Pin1 CSV+	Pin6 REDERIVED	
	Pin2 CSV-	Pin7 A0	
	Pin3 SDA	Pin8 A1	
CN15	Pin4 SCL	Pin9 A2	
	Pin5 REDERIVED	Pin10 REDERIVED	