

MPE600 Series**Highlights and Features**

- 600W Max. Output Power for Universal AC Input
- Compact 3.35"x6.18"x1.59" Low Profile
- Medical and ITE Approvals
- Class B Conducted and Radiated EMI
- Type BF Medical Equipment, 2 x MOPP
- Current Share and $\pm 5\%$ Voltage Trimming
- High Efficiency Up to 96 %
- Up to 70 °C Ambient Operation

Safety Certifications

- IEC/EN/ES60601-1 TUV Certifications and CB Report
- IEC/EN/UL62368-1 CB Report
- CE Mark (LVD, EMC and RoHS Directive)
- Complies with IEC60601-1-2 4th Ed
- EN 55011/EN 55032, Class B

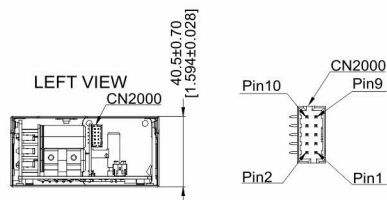
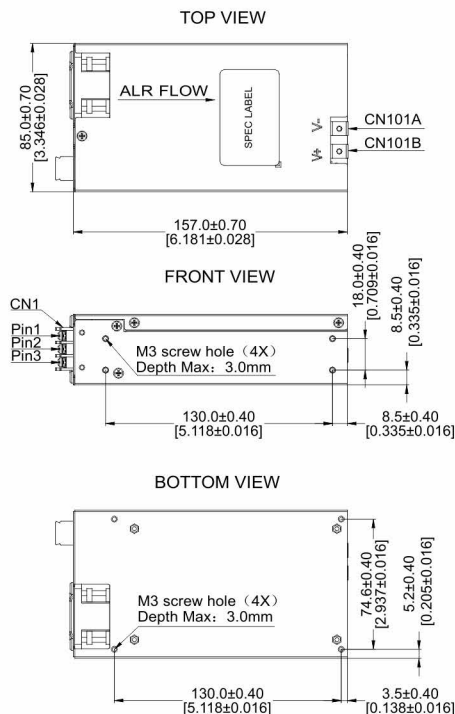
General Description

The MPE600 is ideal for applications where high efficiency, high reliability, low cost and low profile are needed, such as patient electric bed, aesthetic device, IVD equipment, mobility E-wheelchair, CAPA mode ventilators, oral irrigator, etc. Packed in the industry standard 3.35"x6.18" footprint, the MPE600 can deliver up to 600W with internal fan cooling. With IEC60601-1 & IEC62368-1 certifications, the unit can be used in both Medical and ITE applications. A 5V/2A standby, 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)
MPE600A12T	90 - 264	12	11.4 ~ 12.6	50.0	600
MPE600A24T	90 - 264	24	22.8 ~ 25.2	25.0	600
MPE600A48T	90 - 264	48	45.6 ~ 50.4	12.5	600

MPE600A-xx Series: 85.0 x 157.0 x 40.5mm(WxLxH)



Terminal	Function	Product Connector
CN1	Pin1 N	TML TB BHN 1.5-03-7.62-05-C TML (M3 Screw)
	Pin2 $\oplus$	
	Pin3 L	
CN101A	V-	
CN101B	V+	

CN2000	Pin1 S+	Pin6 Current Share	Product Connector: WCON 3121B-10R080K00R3 Client Connector: Housing WCON 3121B-2H075802 Comp WCON 3121-TP5002
	Pin2 S-	Pin7 STBY+	
	Pin3 Reserved	Pin8 STBY+	
	Pin4 Remote Control	Pin9 STBY-	
	Pin5 PG	Pin10 STBY-	