

MPC4 Series



Highlights and Features

- 1500W Max. Output Power for Universal AC Input
- Compact 3.5" x 10" x 1.59" Low Profile
- Medical and ITE Approvals
- Class B Conducted and Radiated EMI
- Type B Medical Equipment, 2 x MOPP
- Output Selectable from 2 V to 60 V
- Up to 4 Outputs
- Analog and Digital Voltage Trimming
- Up to 70 °C Ambient Operation
- PMBus Ver1.2 Support
- Low Audible Noise Fan Speed Control

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

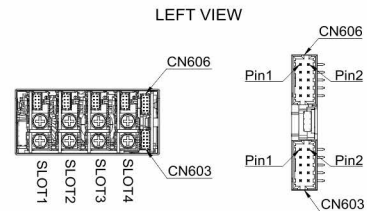
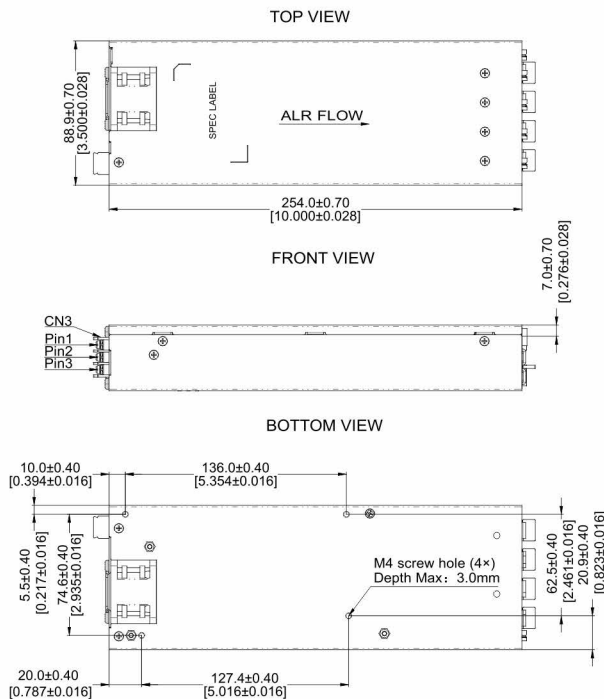
General Description

The MPC4 is a configurable power supply with market-leading density and efficiency. It is ideal for applications where high efficiency, high reliability, low cost and low profile are needed, such as CT scanner, Surgical mechanical equipment, semiconductor device, etc. Packed in the industry standard 3.5" x 10" footprint, the MPC4 can deliver up to 1500W 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. It is also compliant with SEMI F47 tests to immunity voltage sag for semiconductor processing, metrology, and automated test equipment.

Model List

Model	Number of Output Modules	Input Voltage (Vac)	Output Voltage (V)	Max. Output Power (W)
MPC4	4	90~180	2-60	750
		180~264		1500

MPC4-xx Series: 88.9 x 254.0 x 40.5mm(WxLxH)



Terminal	Function	Product Connector
CN3	Pin1 N	TML TB BHN 1.5-03-7-62-05-C 8kgf.cm(M3 Screw)
	Pin2 ⊕	
	Pin3 L	

CN603	Pin1 AC FALL+	Pin6 NC	Product Connector: WCON 3121B-14RG08K00R1 Client Connector: Housing: WCON 3121B-2H075802 Crimp: WCON 3121-TP6002
	Pin2 AC FALL-	Pin7 STBY+	
	Pin3 G/R+	Pin8 STBY+	
	Pin4 G/R-	Pin9 STBY-	
	Pin5 NC	Pin10 STBY-	
CN606	Pin1 CSV+	Pin6 RESERVED	Product Connector: WCON 3121B-10RG08K00R1 Client Connector: Housing: WCON 3121B-2H075802 Crimp: WCON 3121-TP6002
	Pin2 CSV-	Pin7 A0	
	Pin3 SDA	Pin8 A1	
	Pin4 SCL	Pin9 A2	
	Pin5 RESERVED	Pin10 SMBALERT	