

MPC6 Series



Highlights and Features

- 2400W Max. Output Power for Universal AC Input
- Compact 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 6 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

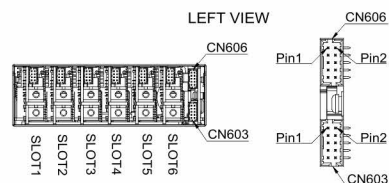
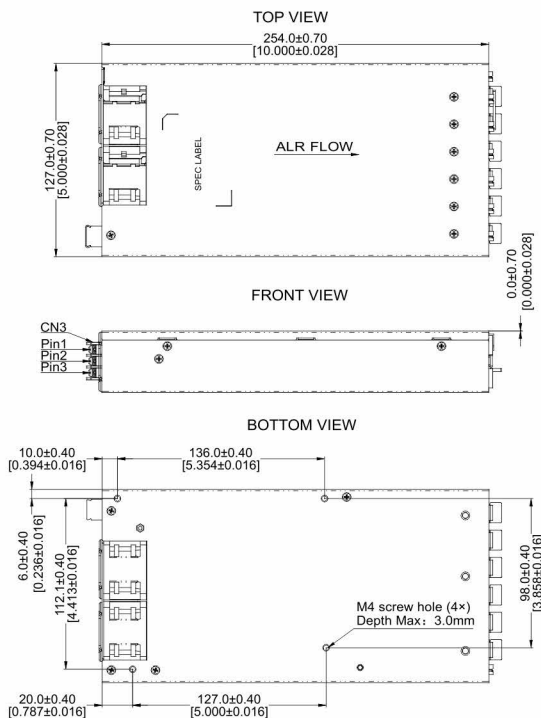
General Description

The MPC6 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 5" x 10" footprint, the MPC6 can deliver up to 2400W 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)
MPC6	6	90~180	2-60	1200
		180~264		2400

MPC6-xx Series: 127.0 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-14RG08BK00R1 Client Connector: Housing WCON 3121B-2H075802 Crmp WCON 3121-TP5002
	Pin2	AC FALL-	Pin7	STBY+	
	Pin3	G/R+	Pin8	STBY+	
	Pin4	G/R-	Pin9	STBY-	
	Pin5	NC	Pin10	STBY-	
CN606	Pin1	C5V+	Pin6	RESERVED	Product Connector: WCON 3121B-10RG08BK00R1 Client Connector: Housing WCON 3121B-2H075802 Crmp WCON 3121-TP5002
	Pin2	C5V-	Pin7	A0	
	Pin3	SDA	Pin8	A1	
	Pin4	SCL	Pin9	A2	
	Pin5	RESERVED	Pin10	SMBALERT	