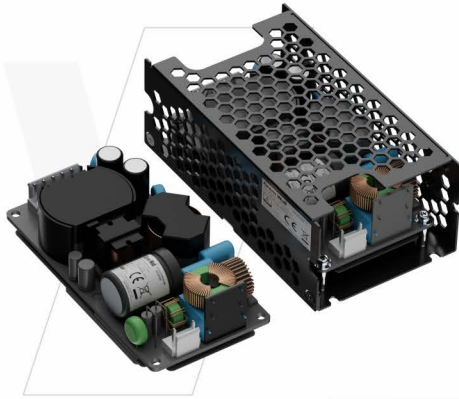


Medical / Industrial AC-DC Power Supply

MPO200 Series



General Description

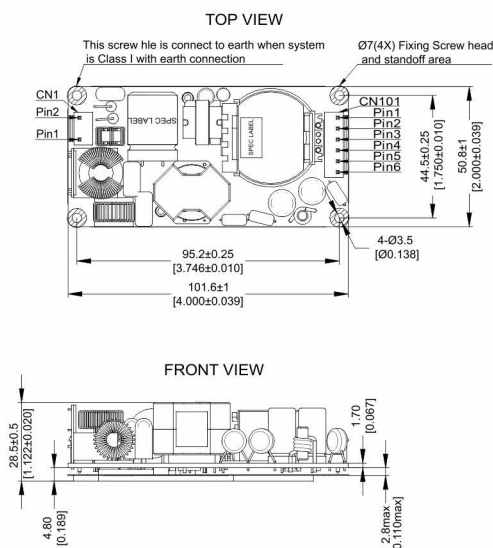
The MPO200 is ideal for applications where high efficiency, high reliability, low cost and low profile are needed, such as infusion pump, blood pressure or body temperature meter, nebulizer, endoscopy equipment, ECG machine, medical computer monitors, etc. Packed in the industry standard 2"x4" footprint, the MPO200 can deliver up to 200W with convection cooling. With IEC60601-1 & IEC62368-1 certifications, the unit can be used in both Medical and ITE applications with either Class I & Class II (no ground wire) installations.

Model List

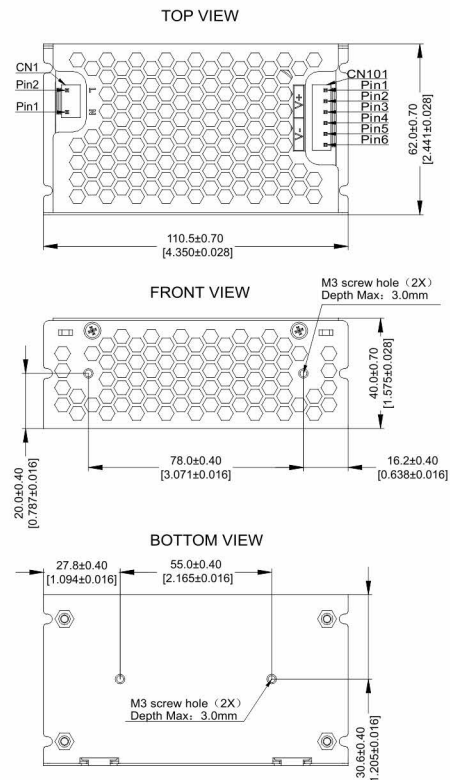
Model	Input Voltage (Vac)	Nominal Output Voltage (V)	Max. Current (A)	Max. Power (W)	Peak Power (W)
MPO200A/E12J	90 - 264	12	16.67	200	--
MPO200A/E24J	90 - 264	24	8.33	200	--
MPO200A/E48J	90 - 264	48	4.17	200	--

MPO200A-xx Series: 50.8 x 101.6 x 28.5mm(WxLxH)

MPO200E-xx Series: 62.0 x 110.5 x 40.0mm(WxLxH)



Terminal	Function		Product Connector	Client Connector
CN1	Pin1	N	JYR(Header): M01-100031231-41200	JYR(Housing): SK-39603-WH01
	Pin2	L		JYR(Crimp Socket): DZ-39631-1000
CN101	Pin1,2,3	V+	JYR(Header): M01-100061231-41201	JYR(Housing): SK-39606-WH01
	Pin4,5,6	V-		JYR(Crimp Socket): DT-39631-300



Highlights and Features

- Up to 200W Convection Cooling
- Compact 2"x4"x1.12" Low Profile
- Medical and ITE Approvals
- Class B Conducted and Radiated EMI
- Type BF Medical Equipment, 2 x MOPP
- Class I and Class II Installations
- Standby Power < 0.5W Typical
- High Efficiency Up to 95 %
- 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 4 Ed
- EN 55011/EN 55032, Class B