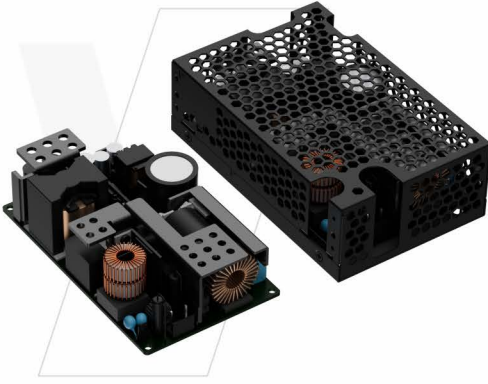


MPO400 Series



Highlights and Features

- 300W (400W Peak) Convection Cooling
- 400W with Forced Air
- Compact 3" x 5" x 1.5" Low Profile
- Medical and ITE Approvals
- Class B Conducted and Radiated EMI
- Type BF Medical Equipment, 2 x MOPP
- High Efficiency Up to 94 %

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

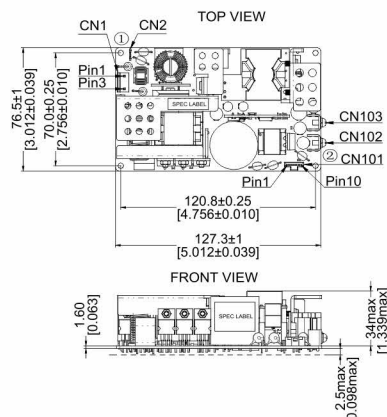
The MPO400 is ideal for applications where high efficiency, high reliability, low cost and low profile are needed, such as patient electric bed, aesthetic device, IVD equipment, mobility E-wheelchair, CAPA mode ventilators, oral irrigator, etc. Packed in the industry standard 3"x5" footprint, the MPO400 can deliver up to 300W with convection cooling or 400W with forced air 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. Other options including internal fan, enclosure and output adjustment are also available.

Model List

Model	Input Voltage (Vac)	Nominal Output Voltage (V)	Max. Current (A)	Max. Power Convection(W)	Max. Power Forced Air(W)
MPO400A/E12J	90 - 264	12	33.3	300	400
MPO400A/E19J	90 - 264	19	21.0	300	400
MPO400A/E24J	90 - 264	24	16.7	300	400
MPO400A/E48J	90 - 264	48	8.4	300	400

MPO400A-xx Series: 76.5 x 127.3 x 38.1mm(WxLxH)

MPO400E-xx Series: 88.9 x 140.0 x 44.4mm(WxLxH)



During EMI testing, this two-hole ① and ② connection must be reliably and effectively grounded

Terminal	Function	Product Connector	Client Connector
CN1	Pin1 N	JYR(Header): M01-100031231-41200	JYR(Housing): SK-39603-WH01
	Pin2 NC		JYR(Crimp Socket): DZ-39631-1000
	Pin3 L		
CN2	PE	KY(Header): PCR187 0.8	WST(D7 TYPE) D70419BS-2A
CN102	V+	TML(Header): MFE 04325	WST(RING TONGUE SHAPE): B40319BS-2(M3 Screw)
CN103	V-		
CN101	Pin1 S+	Pin6 STBY-	Product Connector: CJT(Header): AW1008WV-S-XP
	Pin2 S-	Pin7 STBY+	
	Pin3 PG	Pin8 STBY-	Client Connector: CJT(Housing): A1008H-XP
	Pin4 STBY-	Pin9 STBY+	
	Pin5 Remote_ON/OFF	Pin10 STBY-	CJT(Crimp): A1008-T

