## **MP300** Series

**300 Watt Medical Desktop Power Supply** 



**Medical Power Specialists** 



The MP300 is a Rugged, High Efficiency, Convection Cooled AC/DC for Mission-Critical Applications

## **Key Features**

- Medical 60601-1 Safety Approvals
- Small 6.0 x 3.9 x 1.5" U-Frame
- Remote On/Off, Power Fail
- 5VSDB @ 500mA Output
- Full Load Convection Cooled Operation up to 40°C
- High Efficiency 93% Typical at Full Load, 230Vdc
- EN55011 / FCC Part 15J Class B Emissions
- 3-year Warranty
- Universal AC Input with Active PFC



**Medical Laser Systems** 



**Ventilation Equiment** 



**Imaging Systems** 



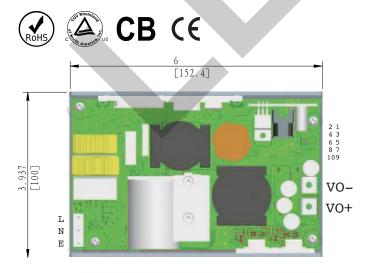
**Industrial Processing Equipment** 





| Models   | Main<br>Output Voltage | Output Current | Peak Current | Ripple & Noise<br>(Max) |
|----------|------------------------|----------------|--------------|-------------------------|
| MP300-12 | 12V                    | 25.0A          | 29.0A        | 120mV                   |
| MP300-19 | 19V                    | 15.8A          | 18.4A        | 190mV                   |
| MP300-24 | 24V                    | 12.5A          | 14.6A        | 240mV                   |
| MP300-28 | 28V                    | 10.7A          | 12.5A        | 280mV                   |
| MP300-36 | 36V                    | 8.3A           | 9.7A         | 360mV                   |
| MP300-48 | 48V                    | 6.3A           | 7.3A         | 480mV                   |

| Technical Highlights |                        |                          |   |
|----------------------|------------------------|--------------------------|---|
| Input Voltage        | 90-264 VAC (Universal) | Efficiency               | 93% typical at 230 VAC, full load   |
| Leakage Current      | <100μA @ 264VAC        | Operating<br>Temperature | 0°C ~ +40°C   |
| Output Voltage       | See table above        | Protection               | Internal T5A/ 250V Fuse (Line & Neutral)  |
| Line Regulation      | ±0.5%                  | Isolation                | 4000 VAC Input to Output<br>1500 VAC Input to Ground<br>1500 VAC Output to Ground |
| Load Regulation      | ±2%                    | МТВГ                     | 300K Hours, Mil-217F at 25°C, full load   |



Note: Product specifications are subject to change without prior notice.

