

MPU130 series

130W Desktop type switching power supplies for Medical Equipment

The MPU130 series of AC/DC switching mode power supplies provide 130 Watts of continuous output power. All supplies are UL94V-1 min compliant. They are suited for use in hospital instrument and many other applications. All models meet FCC Part-18 class B and CISPR-11 EN55011 class B emission Limits and are designed to comply with UL/c-UL(UL 60601-1:2nd Edition), TUV/T-mark (EN 60601-1:2nd Edition) and new CE requirements. All units are 100% burned in and tested.



Features

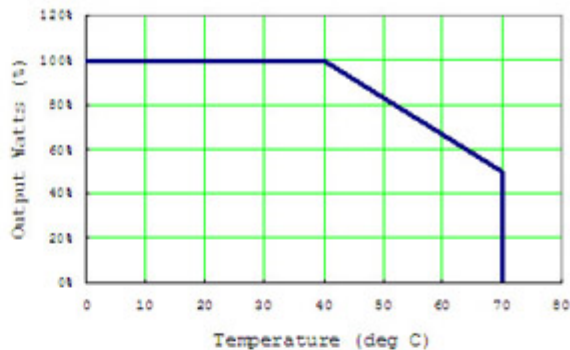
- Wide Operating Voltage 90 to 260 VAC, 47 to 63 Hz
- IEC-320-C14 Input Inlet
- On/Off Switch (optional)
- Single Output
- Active Power Factor Correction
- Class I
- Energy Star 2.0, Efficiency level V
- 3 year warranty

Electrical characteristics

- Efficiency: 87% min.
- Line Regulation: 1% max.
- Load Regulation: 5% Typ.
- Hold-up Time: 16mS min.
- Output ripple and noise: 1% (max).

Environmental

- Operating Temperature: 0 to 70°C
- Derate linearly from 100% load at 40°C to 50% load at 70°C
- Storage Temperature: -40~85°C
- Operating Humidity : 0~95%
- Storage Humidity: 0~95%
- MTBF: 100,000 calculated hours



Model No.	Output Voltage	Max. Output Current	Total Regulation	Max. Output Power	Certificate
▶ MPU130-105	12VDC	10.84A	5%	130W	UL, CB, CE, FCC, CCC, T-mark, TUV GS, CEC Level V, PSE, RoHS
▶ MPU130-108	24VDC	5.42A	3%	130W	UL, CB, CE, FCC, CCC, T-mark, TUV GS, CEC Level V, PSE, RoHS