

MPU60A series

63W Desktop type switching power supplies for Medical Equipment

The MPU60A series of AC/DC switching mode power supplies provide 63 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 ANSI/AAMI ES 60601-1: 2005(UL/cUL 3rd Edition), EN 60601-1:2006 (TUV/T-mark 3rd Edition) , and new CE requirements. All units are 100% burned in and tested.



Features

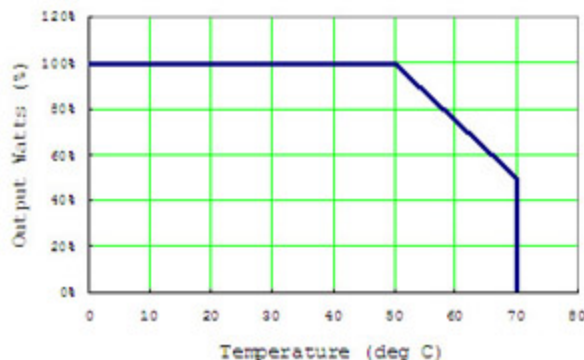
- Wide Operating Voltage 90 to 264 VAC, 47 to 63 Hz
- IEC-320-C14 Input Inlet
- Energy Star 2.0, Efficiency level V
- Single Output
- Class I
- 3 year warranty

Electrical characteristics

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

Environmental

- Operating Temperature: 0 to 70°C
- Derate linearly from 100% load at 50°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 |
|-------------|----------------|---------------------|------------------|-------------------|--|
| ▶MPU60A-105 | 12VDC | 5.25A | 5% | 63W | UL, CE, CB, TUV T-mark, FCC, PSE, RoHS |
| ▶MPU60A-106 | 15VDC | 4.20A | 5% | 63W | UL, CE, CB, TUV T-mark, FCC, PSE, RoHS |
| ▶MPU60A-107 | 18VDC | 3.50A | 5% | 63W | UL, CE, CB, TUV T-mark, FCC, PSE, RoHS |
| ▶MPU60A-108 | 24VDC | 2.62A | 3% | 63W | UL, CE, CB, TUV T-mark, FCC, PSE, RoHS |
| ▶MPU60A-109 | 30VDC | 2.10A | 3% | 63W | UL, CE, CB, TUV T-mark, FCC, PSE, RoHS |
| ▶MPU60A-110 | 36VDC | 1.75A | 3% | 63W | UL, CE, CB, TUV T-mark, FCC, PSE, RoHS |
| ▶MPU60A-111 | 48VDC | 1.31A | 3% | 63W | UL, CE, CB, TUV T-mark, FCC, PSE, RoHS |