

## MPU64 series

### 63W Desktop type switching power supplies for Medical Equipment

The MPU64 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

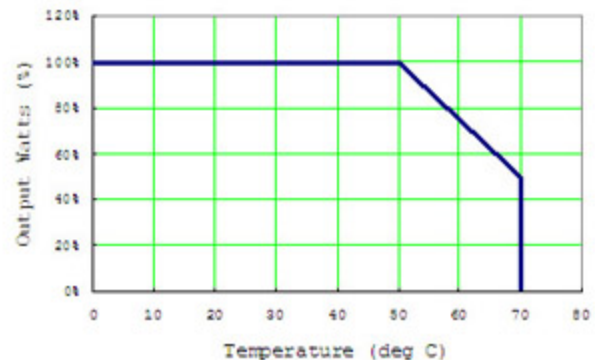
- Wide Operating Voltage 90 to 264 VAC, 47 to 63 Hz
- IEC-320-C14 Input Inlet
- Single Output
- Class I
- 3 year warranty

#### Electrical characteristics

- Efficiency: 85% typ.
- Line Regulation: 1% max.
- Load Regulation: 7% max.
- Hold-up Time: 16mS min.
- Output ripple and noise: 0.5% (Typ.).

#### 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  |
|------------|----------------|---------------------|------------------|-------------------|--|
| ▶MPU64-102 | 5VDC           | 9.00A               | 7%               | 45W               | UL, CB, CE, FCC, CCC, TUV T-mark, PSE, RoHS        |
| ▶MPU64-103 | 7VDC           | 7.85A               | 7%               | 55W               | UL, CB, CE, FCC, CCC, TUV T-mark, PSE, RoHS        |
| ▶MPU64-104 | 9VDC           | 6.44A               | 5%               | 58W               | UL, CB, CE, FCC, CCC, TUV T-mark, PSE, RoHS        |
| ▶MPU64-105 | 12VDC          | 5.25A               | 5%               | 63W               | UL, CB, CE, FCC, CCC, TUV T-mark, CEC-V, PSE, RoHS |
| ▶MPU64-106 | 15VDC          | 4.20A               | 5%               | 63W               | UL, CB, CE, FCC, CCC, TUV T-mark, CEC-V, PSE, RoHS |
| ▶MPU64-107 | 18VDC          | 3.50A               | 5%               | 63W               | UL, CB, CE, FCC, CCC, TUV T-mark, CEC-V, PSE, RoHS |
| ▶MPU64-108 | 24VDC          | 2.62A               | 3%               | 63W               | UL, CB, CE, FCC, CCC, TUV T-mark, CEC-V, PSE, RoHS |
| ▶MPU64-109 | 30VDC          | 2.10A               | 3%               | 63W               | UL, CB, CE, FCC, CCC, TUV T-mark, CEC-V, PSE, RoHS |
| ▶MPU64-110 | 36VDC          | 1.75A               | 3%               | 63W               | UL, CB, CE, FCC, CCC, TUV T-mark, CEC-V, PSE, RoHS |