

MPU16B series

15W Desktop type switching power supplies for Medical Equipment

The MPU16B series of AC/DC switching mode power supplies provide 15 Watts of continuous output power and is well-suited for a variety of applications. All supplies are UL 94V-1 min compliant. All models 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

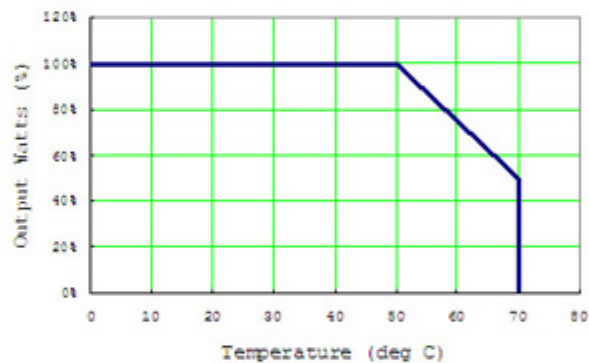
- Wide Operating Voltage 90 to 264 VAC, 47 to 63 Hz
- IEC-320-C8 Input Inlet
- Single Output
- Class II
- 3 year warranty

Electrical characteristics

- Efficiency: 73% min.
- Line Regulation: 1% max.
- Load Regulation: 5% max.
- Hold-up Time: 16mS Typ.
- 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.	Adj. Output Voltage	Max. Output Current	Total Regulation	Max. Output Power	Certificate
> MPU16B-102	5~6 VDC	2.60~2.16 A	5%	13W	UL, CB, CE, FCC, TUV T-mark, CCC, PSE, RoHS
> MPU16B-103	6~8 VDC	2.16~1.62 A	5%	13W	UL, CB, CE, FCC, TUV T-mark, CCC, PSE, RoHS
> MPU16B-104	8~11 VDC	1.87~1.36 A	5%	15W	UL, CB, CE, FCC, TUV T-mark, CCC, PSE, RoHS
> MPU16B-105	11~13 VDC	1.36~1.15 A	5%	15W	UL, CB, CE, FCC, TUV T-mark, CCC, PSE, RoHS
> MPU16B-106	13~16 VDC	1.15~0.93 A	5%	15W	UL, CB, CE, FCC, TUV T-mark, CCC, PSE (13~15V), RoHS
> MPU16B-107	16~21 VDC	0.93~0.71 A	5%	15W	UL, CB, CE, FCC, TUV T-mark, CCC, RoHS
> MPU16B-108	21~27 VDC	0.71~0.55 A	3%	15W	UL, CB, CE, FCC, TUV T-mark, CCC, RoHS
> MPU16B-109	27~33 VDC	0.55~0.45 A	3%	15W	UL, CB, CE, FCC, TUV T-mark, CCC, RoHS
> MPU16B-110	33~36 VDC	0.45~0.41 A	3%	15W	UL, CB, CE, FCC, TUV T-mark, CCC, RoHS