



MBU153 series

150W Open frame type switching power supplies for Medical Equipment

The MBU153 series of compact, open frame constructed, AC/DC switching mode power supplies provide 150 Watts of continuous output power. 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 60601-1:3rd Edition) and new CE requirements. All units are 100% burned in and tested.



Features

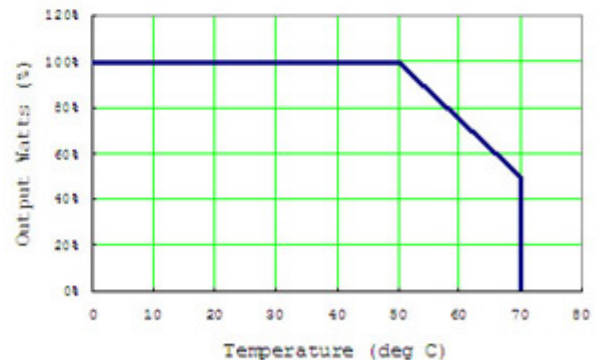
- Wide Operating Voltage 90 to 260 VAC, 47 to 63 Hz
- ANSI/AAMI ES 60601-1: 2005 (UL/cUL 3rd Edition)
- EN 60601-1:2006 (TUV/T-mark 3rd Edition)
- Input to Output : 2MOPP
- Single Output
- Internal EMI filter
- Active Power Factor Correction
- Class I
- 3 year warranty

Electrical characteristics

- Efficiency: 85% typ.
- Line Regulation: 1% max.
- Load Regulation: 5% max.
- Hold-up Time: 20mS 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
▶MBU153-105	12VDC	12.50A	5%	150W	UL, CB, CE, FCC, TUV T-mark, RoHS
▶MBU153-108	24VDC	6.25A	3%	150W	UL, CB, CE, FCC, TUV T-mark, RoHS