



MUU250 series

250W U-bracket type switching power supplies for Medical Equipment

The MUU250 series of compact, open frame constructed, AC/DC switching mode power supplies provide 250 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 60601-1:3rdEdition) and new CE requirements. All units are 100% burned in and tested.



Features

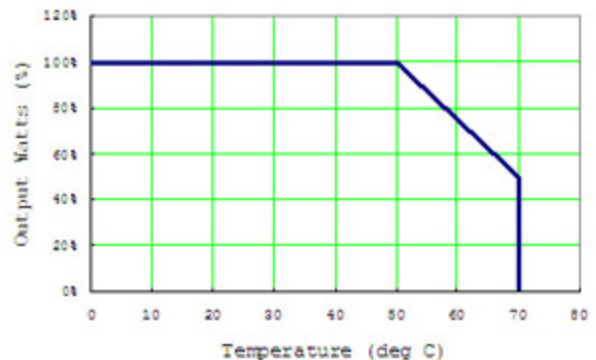
- Wide Operating Voltage 90 to 260 VAC, 47 to 63 Hz
- ANSI/AAMI ES 60601-1: 2005 (UL/cUL 3rd Edition)
- EN 60601-1:2006 (TUV/T-mark 3rd Edition)
- Input to Output : 2MOPP
- Single Output
- Internal EMI filter
- Active Power Factor Correction
- 5V Standby Output
- Class I
- 3 year warranty

Electrical characteristics

- Efficiency: 88% typ.
- Line Regulation: 1% max.
- Load Regulation: 5% max.
- Hold-up Time: 20mS 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		Output Current		Total Regulation	Max. Output Power	Certificate
	Vo1	Vo2	Io1	Io2			
▶MUU250-105A	12VDC	5VDC	20.00A	2A	5%	240W	UL, CB, CE, FCC, T-mark, RoHS
▶MUU250-108A	24VDC	5VDC	10.42A	2A	3%	250W	UL, CB, CE, FCC, T-mark, RoHS
▶MUU250-110A	36VDC	5VDC	6.94A	2A	2%	250W	UL, CB, CE, FCC, T-mark, RoHS
▶MUU250-111A	48VDC	5VDC	5.21A	2A	2%	250W	UL, CB, CE, FCC, T-mark, RoHS