



## 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

Medical Safety 3rd (EN60601-1 3rd Edition)

Input to Output : 2MOPP

Dual Output

Internal EMI filter

Active Power Factor Correction

5V Standby Output

Class I

5 year warranty

### Specification & safety report



Data



CB



UL



TUV T-mark



CE



FCC

sheet (MUU250)

### Electrical characteristics

Efficiency: 88% typ.

Line Regulation: 1% max.

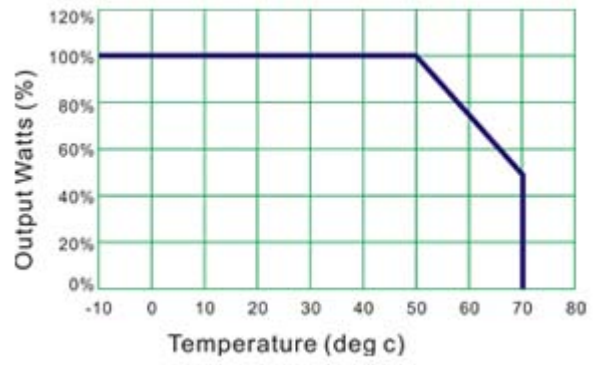
Load Regulation: 5% max.

Hold-up Time: 20mS min.

Output ripple and noise: 1% (max.).

### Environmental

Operating Temperature: -10 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	18.33A	2A	5%	220W	UL/cUL, CB, CE, FCC, TUV T-mark, RoHS2
▶MUU250-108A	24VDC	5VDC	10.42A	2A	3%	250W	UL/cUL, CB, CE, FCC, TUV T-mark, RoHS2
▶MUU250-110A	36VDC	5VDC	6.94A	2A	2%	250W	UL/cUL, CB, CE, FCC, TUV T-mark, RoHS2
▶MUU250-111A	48VDC	5VDC	5.21A	2A	2%	250W	UL/cUL, CB, CE, FCC, TUV T-mark, RoHS2