

MUU60 series

63W U-bracket type switching power supplies for Medical Equipment

The MUU60 series of compact, open frame constructed, AC/DC switching mode power supplies provide 63 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 60601-1:2ndEdition), TUV/T-mark(EN 60601-1:2ndEdition) and new CE requirements. All units are 100% burned in and tested.



Features

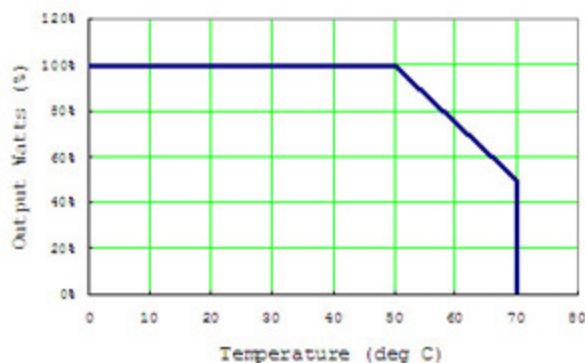
- Wide Operating Voltage 90 to 264 VAC, 47 to 63 Hz
- Input connector mates with Molex housing 09-50-3051 and Molex 2478 series crimp terminal
- Output connector mates with Molex housing 09-50-3081 and Molex 2478 series crimp terminal
- Single to Quad Output
- Size: 3"x5"x1.18"
- Class I
- 3 year warranty

Electrical characteristics

- Efficiency: 80% typ.
- Line Regulation: 1% max.
- Load Regulation: 7% max.
- Hold-up Time: 16mS min.
- Output ripple and noise: 1% (max).
- (The Ripple & Noise which is under 3.3VDC at 2% 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	Max. Output Current	Total Regulation	Max. Output Power	Certificate
▶MUU60 -101	3~5VDC	16.6~10.0A	7%	50W	UL/cUL, T- mark, CB, CE, RoHS
▶MUU60 -102	5~6VDC	11.0~9.16A	7%	55W	UL/cUL, T- mark, CB, CE, RoHS
▶MUU60 -103	6~8VDC	10.0~7.50A	5%	60W	UL/cUL, T- mark, CB, CE, RoHS
▶MUU60 -104	8~11VDC	7.87~5.72A	5%	63W	UL/cUL, T- mark, CB, CE, RoHS
▶MUU60 -105	11~13VDC	5.72~4.84A	5%	63W	UL/cUL, T- mark, CB, CE, RoHS
▶MUU60 -105-1	11~13VDC	4.09~3.46A	5%	45W	UL/cUL, T- mark, CB, CE, RoHS
▶MUU60 -106	13~16VDC	4.84~3.93A	5%	63W	UL/cUL, T- mark, CB, CE, RoHS
▶MUU60 -107	16~21VDC	3.93~3.00A	5%	63W	UL/cUL, T- mark, CB, CE, RoHS
▶MUU60 -108	21~27VDC	3.00~2.33A	5%	63W	UL/cUL, T- mark, CB, CE, RoHS
▶MUU60 -109	27~33VDC	2.33~1.90A	5%	63W	UL/cUL, T- mark, CB, CE, RoHS

Model No.	Output Voltage	Max. Output Current	Total Regulation	Max. Output Power	Certificate
▶MUU60 -110	33~40VDC	1.90~1.57A	2%	63W	UL/cUL, T- mark, CB, CE, RoHS
▶MUU60 -200	+3.3VDC +12.0VDC	7.0A 3.0A	6% 5%	59.1W	UL/cUL, T- mark, CB, CE, RoHS
▶MUU60 -201	+5.0VDC +12.0VDC	7.0A 3.0A	5% 5%	63W	UL/cUL, T- mark, CB, CE, RoHS
▶MUU60 -202	+5.0VDC +15.0VDC	7.0A 3.0A	5% 5%	63W	UL/cUL, T- mark, CB, CE, RoHS
▶MUU60 -203	+5.0VDC +24.0VDC	7.0A 2.0A	5% 5%	63W	UL/cUL, T- mark, CB, CE, RoHS
▶MUU60 -204	+3.3VDC +5.0VDC	7.0A 5.0A	6% 5%	48.1W	UL/cUL, T- mark, CB, CE, RoHS
▶MUU60 -215	+5.0VDC -24.0VDC	7.0A 2.0A	5% 5%	63W	UL/cUL, T- mark, CB, CE, RoHS
▶MUU60 -300	+3.3VDC +12.0VDC -12.0VDC	6.0A 3.0A 0.8A	6% 5% 5%	63W	UL/cUL, T- mark, CB, CE, RoHS
▶MUU60 -300-1	+3.3VDC +12.0VDC +12.0VDC	6.0A 3.0A 0.8A	6% 5% 5%	63W	UL/cUL, T- mark, CB, CE, RoHS
▶MUU60 -301	+5.0VDC +12.0VDC -5.0VDC	6.0A 3.0A 0.8A	5% 5% 5%	63W	UL/cUL, T- mark, CB, CE, RoHS
▶MUU60 -301-1	+5.0VDC +12.0VDC +5.0VDC	6.0A 3.0A 0.8A	5% 5% 5%	63W	UL/cUL, T- mark, CB, CE, RoHS
▶MUU60 -302	+5.0VDC +12.0VDC -12.0VDC	6.0A 3.0A 0.8A	5% 5% 5%	63W	UL/cUL, T- mark, CB, CE, RoHS
▶MUU60 -302-1	+5.0VDC +12.0VDC +12.0VDC	6.0A 3.0A 0.8A	5% 5% 5%	63W	UL/cUL, T- mark, CB, CE, RoHS
▶MUU60 -303	+5.0VDC +15.0VDC -15.0VDC	6.0A 3.0A 0.8A	5% 5% 5%	63W	UL/cUL, T- mark, CB, CE, RoHS
▶MUU60 -303-1	+5.0VDC +15.0VDC +15.0VDC	6.0A 3.0A 0.8A	5% 5% 5%	63W	UL/cUL, T- mark, CB, CE, RoHS
▶MUU60 -305	+5.0VDC +24.0VDC -12.0VDC	6.0A 2.0A 0.8A	5% 5% 5%	63W	UL/cUL, T- mark, CB, CE, RoHS
▶MUU60 -305-1	+5.0VDC +24.0VDC +12.0VDC	6.0A 2.0A 0.8A	5% 5% 5%	63W	UL/cUL, T- mark, CB, CE, RoHS
▶MUU60 -306	+3.3VDC +12.0VDC -5.0VDC	6.0A 3.0A 0.8A	6% 5% 5%	59.8W	UL/cUL, T- mark, CB, CE, RoHS
▶MUU60 -306-1	+3.3VDC +12.0VDC +5.0VDC	6.0A 3.0A 0.8A	6% 5% 5%	59.8W	UL/cUL, T- mark, CB, CE, RoHS
▶MUU60 -308	+3.3VDC +5.0VDC -12.0VDC	5.0A 5.0A 1.0A	6% 5% 5%	53.5W	UL/cUL, T- mark, CB, CE, RoHS

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▶MUU60 -308-1	+3.3VDC +5.0VDC +12.0VDC	5.0A 5.0A 1.0A	6% 5% 5%	53.5W	UL/cUL, T- mark, CB, CE, RoHS
▶MUU60 -320	+5.0VDC +55.0VDC +24.0VDC	0.7A 0.91A 0.1A	5% 5% 5%	55.95W	None Safety Approvals
▶MUU60 -400	+3.3VDC +12.0VDC -12.0VDC -5.0VDC	6.0A 3.0A 0.8A 0.8A	6% 5% 5% 5%	63W	UL/cUL, T- mark, CB, CE, RoHS
▶MUU60 -400-1	+3.3VDC +12.0VDC -12.0VDC +5.0VDC	6.0A 3.0A 0.8A 0.8A	6% 5% 5% 5%	63W	UL/cUL, T- mark, CB, CE, RoHS
▶MUU60 -400-2	+3.3VDC +12.0VDC +12.0VDC -5.0VDC	6.0A 3.0A 0.8A 0.8A	6% 5% 5% 5%	63W	UL/cUL, T- mark, CB, CE, RoHS
▶MUU60 -400-3	+3.3VDC +12.0VDC +12.0VDC +5.0VDC	6.0A 3.0A 0.8A 0.8A	6% 5% 5% 5%	63W	UL/cUL, T- mark, CB, CE, RoHS
▶MUU60 -401	+5.0VDC +12.0VDC -12.0VDC -5.0VDC	6.0A 3.0A 0.8A 0.8A	5% 5% 5% 5%	63W	UL/cUL, T- mark, CB, CE, RoHS
▶MUU60 -401-1	+5.0VDC +12.0VDC -12.0VDC +5.0VDC	6.0A 3.0A 0.8A 0.8A	5% 5% 5% 5%	63W	UL/cUL, T- mark, CB, CE, RoHS
▶MUU60 -401-2	+5.0VDC +12.0VDC +12.0VDC -5.0VDC	6.0A 3.0A 0.8A 0.8A	5% 5% 5% 5%	63W	UL/cUL, T- mark, CB, CE, RoHS
▶MUU60 -401-3	+5.0VDC +12.0VDC +12.0VDC +5.0VDC	6.0A 3.0A 0.8A 0.8A	5% 5% 5% 5%	63W	UL/cUL, T- mark, CB, CE, RoHS
▶MUU60 -402	+5.0VDC +12.0VDC -12.0VDC -12.0VDC	6.0A 3.0A 0.8A 0.8A	5% 5% 5% 5%	63W	UL/cUL, T- mark, CB, CE, RoHS
▶MUU60 -402-1	+5.0VDC +12.0VDC +12.0VDC +12.0VDC	6.0A 3.0A 0.8A 0.8A	5% 5% 5% 5%	63W	UL/cUL, T- mark, CB, CE, RoHS
▶MUU60 -402-2	+5.0VDC +12.0VDC +12.0VDC -12.0VDC	6.0A 3.0A 0.8A 0.8A	5% 5% 5% 5%	63W	UL/cUL, T- mark, CB, CE, RoHS
▶MUU60 -402-3	+5.0VDC +12.0VDC +12.0VDC +12.0VDC	6.0A 3.0A 0.8A 0.8A	5% 5% 5% 5%	63W	UL/cUL, T- mark, CB, CE, RoHS

Model No.	Output Voltage	Max. Output Current	Total Regulation	Max. Output Power	Certificate
▶MUU60 -403	+5.0VDC +12.0VDC -12.0VDC +24.0VDC	6.0A 3.0A 0.8A 0.8A	5% 5% 5% 5%	63W	UL/cUL, T- mark, CB, CE, RoHS
▶MUU60 -403-1	+5.0VDC +12.0VDC -12.0VDC +24.0VDC	6.0A 3.0A 0.8A 0.8A	5% 5% 5% 5%	63W	UL/cUL, T- mark, CB, CE, RoHS
▶MUU60 -403-2	+5.0VDC +12.0VDC +12.0VDC -24.0VDC	6.0A 3.0A 0.8A 0.8A	5% 5% 5% 5%	63W	UL/cUL, T- mark, CB, CE, RoHS
▶MUU60 -403-3	+5.0VDC +12.0VDC +12.0VDC +24.0VDC	6.0A 3.0A 0.8A 0.8A	5% 5% 5% 5%	63W	UL/cUL, T- mark, CB, CE, RoHS
▶MUU60 -404	+5.0VDC +15.0VDC -15.0VDC -5.0VDC	6.0A 3.0A 0.8A 0.8A	5% 5% 5% 5%	63W	UL/cUL, T- mark, CB, CE, RoHS
▶MUU60 -404-1	+5.0VDC +15.0VDC -15.0VDC +5.0VDC	6.0A 3.0A 0.8A 0.8A	5% 5% 5% 5%	63W	UL/cUL, T- mark, CB, CE, RoHS
▶MUU60 -404-2	+5.0VDC +15.0VDC +15.0VDC -5.0VDC	6.0A 3.0A 0.8A 0.8A	5% 5% 5% 5%	63W	UL/cUL, T- mark, CB, CE, RoHS
▶MUU60 -404-3	+5.0VDC +15.0VDC +15.0VDC +5.0VDC	6.0A 3.0A 0.8A 0.8A	5% 5% 5% 5%	63W	UL/cUL, T- mark, CB, CE, RoHS