

MPU60B series

63W Desktop type switching power supplies for Medical Equipment

The MPU60B series of AC/DC switching mode power supplies provide 63 Watts of continuous output power . All supplies are UL94V-1 min compliant. 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 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 80 to 275 VAC, 47 to 63 Hz

IEC-320-C8 Input Inlet

Energy Star 2.0, Efficiency level V

Single Output

Class II

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

Input to Output : 2MOPP

5 year warranty

Specification & safety report



Data

sheet (MPU60B)



CB



CE



FCC



PSE (105~106)



PSE (107~109)



PSE (110~111)



UL



TUV T-mark

Electrical characteristics

Efficiency: 87% min.

Line Regulation: 1% max.

Load Regulation: 5% max.

Hold-up Time: 16mS min.

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

Environmental

Operating Temperature: -10 to 70°C

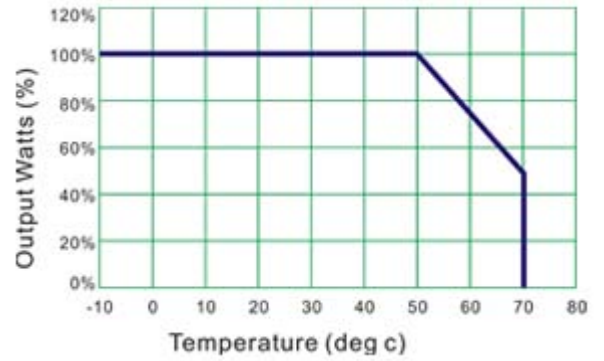
Derate linearly from 100% load at 50°C to 50% load at 70°C

Storage Temperature: -40~85°C

Operating Humidity : 0~95%

Storage Humidity: 0~95%

MTBF: 100,000 calculated hours



Model No.	Output Voltage	Max. Output Current	Total Regulation	Max. Output Power	Certificate
▶MPU60B-105	12VDC	5.25A	5%	63W	UL/cUL, CE, CB, TUV T-mark, FCC, PSE, RoHS2
▶MPU60B-106	15VDC	4.20A	5%	63W	UL/cUL, CE, CB, TUV T-mark, FCC, PSE, RoHS2
▶MPU60B-107	18VDC	3.50A	5%	63W	UL/cUL, CE, CB, TUV T-mark, FCC, PSE, RoHS2
▶MPU60B-108	24VDC	2.62A	3%	63W	UL/cUL, CE, CB, TUV T-mark, FCC, PSE, RoHS2
▶MPU60B-109	30VDC	2.10A	3%	63W	UL/cUL, CE, CB, TUV T-mark, FCC, PSE, RoHS2
▶MPU60B-110	36VDC	1.75A	3%	63W	UL/cUL, CE, CB, TUV T-mark, FCC, PSE, RoHS2