



MBU152 series

150W Open frame type switching power supplies for Medical Equipment

The MBU152 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 60601-1:3rdEdition) 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
Output Voltage Available 12,24VDC
Single Output
Internal EMI filter
Active Power Factor Correction
Class I
5 year warranty

Specification & safety report



Data

sheet (MBU152)



UL



CB



CE



FCC



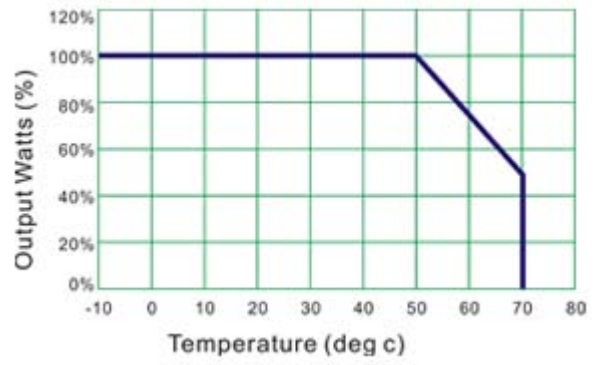
TUV T-mark

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: -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
▶MBU152-105	12VDC	12.50A	5%	150W	UL/cUL, CB, CE, FCC, TUV T-mark, RoHS2
▶MBU152-108	24VDC	6.25A	3%	150W	UL/cUL, CB, CE, FCC, TUV T-mark, RoHS2