



Power Sources Unlimited, Inc.®

Toroid
IsoBox M Series

M-Series:

International / Multi-Voltage
Medical Hospital Grade
Isolation Transformer

For Safer Use of Medical Electronics in Patient
Care Areas



The Medical Grade Isolation Transformers have both low mechanical noise and low EMR (Electro-Magnetic Radiation). We have two standard formats, available in attractive white aluminum cases for floor, wall, chassis and cart installation. Typical applications include installation of computers, video monitors, surveillance cameras, test and measurement instruments, printers, clinics, doctor's offices, or whenever safe operation of electronics equipment requires low leakage current levels.

This line of enclosed isolation transformers offers all the advantages of the toroidal constructions such as low weight, low magnetic strayfield, low mechanical noise, low losses, high efficiency and cool operating temperature. The low height of the toroidal transformer allows the enclosure to have a low profile for easy installation in a modern office environment.

The enclosures are made of sturdy aluminum with white finish. Other colors are optional. On all the International/Multi-Voltage models, the secondary neutral conductor is NOT grounded.

M Series:

- Input/Output: Selectable, 115 or 230V 50-60Hz
- Thermal Current Limiting Fuse
- Safety Agency Approvals: UL2601.1, CSA C22.2 No. 601.1, EN60601-1, EN60742, IEC601-1
- In-Rush Current Limiting Design
- Leakage Current: < 100 μ A
- White Aluminum Enclosure
- CE Marking
- On/Off Switch

The Multi-National series has expanded the International series input voltages to include 100/120/220/240V, through a power entry module with power switch and current limiting fuses. In addition, the selectable output voltage, 115/230V, makes these units suitable for almost all applications and locations worldwide. The outlets are type IEC320-C14. Filtering is standard. The M series also have the capability to fasten the input and output cords through available clips and clamps.



Data:

TCM Part No.	Power VA	Current A	Regulation (Voltage Drop)	No. of Outlets (Hospital Grade)	Dimensions		Weight		Recomm. Length Ft.	Cord Size AWG/mm2
					Inches	mm	Lbs.	Kg		
ISB-030M	300	2.5/1.25	< 7%	3	9.56x5.9x3.1	243x150x79	8	3.6	8	18/1.75
ISB-060M	600	5.0/2.50	< 5%	6	10.5x6.5x3.5	267x165x89	13	6.0	8	18/1.0
ISB-100M	1000	8.3/4.17	< 3.5%	9	12.0x8.6x3.9	305x218x99	24	11.0	8	16/1.5

Contact sales@psui.com for a detailed Data Sheet with dimensions

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