

MEDICAL GRADE HIGH ISOLATION TOROIDAL TRANSFORMERS

Medical grade isolation transformers are installed in numerous medical power applications due to the advantages toroids have compared to other transformer constructions. The designs and constructions of medical transformers are greatly impacted by rigorous rules, guidelines, and laws that dictate specific requirements such as spacing, creepage distances, and leakage current maximums.

Quad Primaries: 100V, 120V, 220V, 240V - 50/60Hz

Part Number	Nominal (VA)	Secondary Current at 120V (Amps)	Secondary Current at 240V (Amps)	OD x H Inches (mm)	Weight Lbs. (kg)
MT0100DS	100 VA	0.83	0.42	4.0 x 2.0 (102 x 51)	2.7 (1.2)
MT0100SS	100 VA	0.83		4.0 x 2.0 (102 x 51)	2.7 (1.2)
MT0230DS	230 VA	1.92	0.96	4.6 x 2.4 (117 x 61)	5.2 (2.4)
MT0230SS	230 VA	1.92		4.6 x 2.4 (117 x 61)	5.2 (2.4)
MT0400DS	400 VA	3.33	1.67	5.5 x 2.5 (140 x 64)	8 (3.6)
MT0400SS	400 VA	3.33		5.5 x 2.5 (140 x 64)	8 (3.6)
MT0600DS	600 VA	5	2.5	6.2 x 3.1 (157 x 79)	13 (5.9)
MT0600SS	600 VA	5		6.2 x 3.1 (157 x 79)	13 (5.9)
MT0750DS	750 VA	6.25	3.12	6.6 x 3.0 (168 x 79)	14 (6.4)
MT0750SS	750 VA	6.25		6.6 x 3.0 (168 x 79)	14 (6.4)
MT1000DS	1000 VA	8.33	4.16	6.9 x 3.5 (175 x 89)	20 (9.1)
MT1500DS	1500 VA	12.5	6.25	8.2 x 4.0 (208 x 102)	28 (12.7)
MT2000DS	2000 VA	16.6	8.33	9.1 x 4.4 (231 x 112)	35 (15.9)
MT2500DS	2500 VA	20.8	10.4	9.4 x 4.5 (239 x 114)	39 (17.7)
MT3000DS	3000 VA	25	12.5	10.0 x 4.3 (254 x 109)	47 (21.3)
MT3750DS	3750 VA	31.2	15.6	10.5 x 4.9 (267 x 124)	65 (29.5)
MT5000DS	5000 VA	41.6	20.8	11.6 x 5.4 (295 x 137)	78 (35.4)
MT6250DS	6250 VA	52	26	12.0 x 5.6 (305 x 143)	90 (40.8)
MT7500DS	7500 VA	62.5	31.2	12.0 x 5.5 (305 x 140)	100 (45.4)
MT8750DS	8750 VA	72.9	36.4	12.5 x 5.5 (318 x 140)	110 (49.9)
MT10000DS	10000 VA	83.3	41.6	13.0 x 5.2 (330 x 132)	120 (54.4)

Note: Electrical measurements @ 20°C ambient temperature. All data subject to change without prior notice.

(suffix) SS = (Single Secondary) Secondary 1 only

(suffix) DS = (Dual Secondary) Secondary 1 & 2

Units rated below 1000VA come with metal disk and insulating pads.

Units rated 1000VA and larger are center potted.

Part numbers MT100 through MT5000 carry full TUV BAUARTMARK.

