

- Small size, lightweight
- Excellent regulation
- High and low temperature lubrication



M Series variable autotransformers are designed for use at frequencies between 350 and 1200 Hz. Electrically, they are high-frequency equivalents of the standard W Series, but are much smaller and lighter than those 60 Hz models.

All M Series units conform to most military specifications for shock, vibration, salt spray, tropicalization, altitude, humidity and temperature. Operation of M Series models is possible at 60 Hz. If the input is limited to 60V, the output current rating remains the same and the output voltage range is 0 to 70V.

Single Phase 120V INPUT †

Rated Current (Amps)	Max. Current (Amps)	kVA	Output Voltage Range	Type No.	MTG	Connection	Net Weight (lbs)	Ship Weight (lbs)	Dimensions (inches)		
									W	H	D
2.4	3.1	0.65	0-140	M2 †	OPEN		2	3	3.250	3.687	2.687
6.0	7.8	1.62	0-140	M5 †	OPEN		3	4	4.500	4.937	2.687
10.0	13.0	2.70	0-140	M10 †	OPEN		6	8	5.750	6.312	3.437
20.0	26.0	5.40	0-140	M20 †	OPEN		13	15	7.500	8.062	3.625

Three Phase 120V INPUT

Rated Current (Amps)	Max. Current (Amps)	kVA	Output Voltage Range	Type No.	MTG	Connection	Net Weight (lbs)	Ship Weight (lbs)	Dimensions (inches)		
									W	H	D
2.4	3.1	0.65	0-140	M2G2	OPEN	OPEN DELTA	4	5	3.250	3.687	5.437
6.0	7.8	1.62	0-140	M5G2	OPEN	OPEN DELTA	7	8	4.500	4.937	5.000
10.0	13.0	2.70	0-140	M10G2	OPEN	OPEN DELTA	12	16	5.750	6.312	6.812
20.0	26.0	5.40	0-140	M20G2	OPEN	OPEN DELTA	26	30	7.000	8.062	7.187

Three Phase 120V-208V-240V INPUT

Rated Current (Amps)	Max. Current (Amps)	kVA	Output Voltage Range	Type No.	MTG	Connection	Net Weight (lbs)	Ship Weight (lbs)	Dimensions (inches)		
									W	H	D
2.4	3.1	1.30	0-240	M2G3 *	OPEN	WYE	5	7	3.500	3.687	8.250
6.0	7.8	3.24	0-240	M5G3 *	OPEN	WYE	10	12	4.500	4.937	8.375
10.0	13.0	5.40	0-240	M10G3 *	OPEN	WYE	19	23	5.750	6.937	10.250
20.0	26.0	10.8	0-240	M20G3 *	OPEN	WYE	38	43	7.500	8.062	10.250

† CSA Approved

* 17% overvoltage connection permitted on 120/208 three phase units