

## Variable Transformers Product Selector Guide



# Product Quick Selector

The STACO Variable Transformer Product Quick Selector is a guide to all standard single-phase and three-phase variable transformers in the Staco product line including portable, ganged and motorized models. Units are listed by voltage rating and by increasing values of current and KVA.

With known values of voltage, current and frequency, the STACO Variable Transformer Selector can be used to locate the particular transformer that best fits your requirements. If a

motor driven model is ordered, be sure to prefix the part number with the desired travel time, typically 5, 15, 30 or 60 seconds.

For non-standard operating conditions, refer to the Product Design and Engineering Section of this catalog.

Ratings and configurations not included in the Variable Transformer Selector may be obtained by consulting our STACO representative or by contacting the factory.

INPUT		OUTPUT					MANUALLY OPERATED	MOTOR DRIVEN		DETAILED TECHNICAL INFO PAGE		
VOLTS	HERTZ	VOLTS	CONSTANT CURRENT LOAD†		CONSTANT IMPEDANCE LOAD‡			PART NUMBER	PART NUMBER		AVAILABLE SPEEDS (sec. at 60 Hz*)	
			MAX AMPS	MAX KVA	MAX AMPS	MAX KVA						
SINGLE PHASE	120	50/60	0-120	1.75	0.21	2.2	0.26	171	—	—	10	
		60	0-132	1.75	0.23	—	—	—	—	—	10	
		50/60	0-120	2.00	0.24	2.5	0.30	201	—	—	10	
		60	0-132	2.00	0.26	—	—	—	—	—	10	
		50/60	0-120	2.50	0.30	3.2	0.38	221-B	—	—	10	
		60	0-132 ■	2.50	0.33	—	—	3PN221B	—	—	10	
		50/60	0-120	3.00	0.36	3.5	0.42	291	—	—	11	
		60	0-132	3.00	0.40	—	—	—	—	—	11	
		50/60	0-120	5.0	0.60	7.0	0.84	501-B, 511	M501-B	5,15,30,60	12	
		60	0-140 ■	5.0	0.70	—	—	3PN501B	—	—	12	
		50/60	0-120	10	1.20	13	1.56	1010B	M1010B	5,15,30,60	14	
		60	0-140 ■	10	1.40	—	—	3PN1010B	—	—	14	
		60	0-120	12	1.44	15	1.80	1210B	M1210B	5,15,30,60	17	
								3PN1210B	—	—	17	
				0-120	15	1.80	20	2.40	1510	M1510B	5,15,30,60	18
				0-140 ■	15	2.10	—	—	3PN1510B	—	—	18
			0-140 ■	22	3.08	—	—	3PN2210B	—	—	20	
			0-120	25	3.00	30	3.60	2510	M2510	5,15,30,60	20	
			0-140	25	3.50	—	—	—	—	—	20	
			0-120	50	6.00	60	7.20	2510-2*	M2510-2*	5,15,30,60	20	
			0-140	50	7.00	—	—	—	—	—	20	
			0-140	50	7.00	—	—	5011	M5011	5,15,30,60	22	
			0-120	60	7.20	—	—	6011	M6011	5,15,30,60	30	
			0-140	60	8.40	—	—	—	—	—	30	
			0-120	75	9.00	90	10.80	2510-3**	M2511-3**	5,15,30,60	20	
			0-140	75	10.50	—	—	—	—	—	20	
			0-140	100	14.00	—	—	5011-2P	M5011-2P	5,15,30,60	22	
		50/60	0-120	120	14.40	—	—	6011-2P	M6011-2P	5,15,30,60	30	
			0-140	120	16.80	—	—	—	—	—	30	
			0-140	150	21.00	—	—	5011-3P	M5011-3P	5,15,30,60	22	
			0-120	180	21.60	—	—	6011-3P	M6011-3P	5,15,30,60	30	
			0-140	180	25.20	—	—	—	—	—	30	
	0-140		200	28.00	—	—	5011-4P	M5011-4P	15,30,60	23		
	0-120		240	28.80	—	—	6011-4P	M6011-4P	15,30,60	31		
	0-140		240	33.60	—	—	—	—	—	31		
	0-140		250	35.00	—	—	5011-5P	M5011-5P	15,30,60	23		
	0-120		300	36.00	—	—	6011-5P	M6011-5P	15,30,60	31		
	0-140		300	42.00	—	—	—	—	—	31		
	0-140		300	42.00	—	—	5011-6P	M5011-6P	15,30,60	23		
	0-140		350	49.00	—	—	5011-7P	M5011-7P	30, 60	24		
	0-120		360	43.20	—	—	6011-6P	M6011-6P	15,30,60	31		
	0-140		360	50.40	—	—	—	—	—	31		
	0-140		400	56.00	—	—	5011-8P	M5011-8P	30, 60	24		
	0-120	420	50.40	—	—	6011-7P	M6011-7P	30, 60	32			
	0-140	420	58.80	—	—	—	—	—	32			

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	INPUT		OUTPUT				MANUALLY OPERATED	MOTOR DRIVEN		DETAILED TECHNICAL INFO PAGE		
	VOLTS	HERTZ	VOLTS	CONSTANT CURRENT LOAD†		CONSTANT IMPEDANCE LOAD‡		PART NUMBER	AVAILABLE SPEEDS (sec. at 60 Hz*)			
				MAX AMPS	MAX KVA	MAX AMPS					MAX KVA	
SINGLE PHASE	120	50/60	0-140	450	63.00	—	—	5011-9P	M5011-9P	30, 60	24	
			0-120	480	57.60	—	—	6011-8P	M6011-8P	30, 60	32	
			0-140	480	67.20	—	—					
SINGLE PHASE	120	50/60	0-120	540	64.80	—	—	6011-9P	M6011-9P	30, 60	32	
			0-140	540	75.60	—	—					
			SINGLE Ø VOLTAGE DOUBLERS	120	50/60	0-280	3.50▲	0.42	—	—	1020B	M1020B
9.50▲	1.14	—					—	1520	M1520	5,15,30,60	18	
10▲	1.20	—					—	2520	M2520	5,15,30,60	20	
20▲	2.40	—					—	2520-2*	M2520-2*	5,15,30,60	20	
28▲	3.40	—					—	5021	M5021	5,15,30,60	22	
30▲	3.60	—					—	2520-3	M2520-3	5,15,30,60	20	
35▲	4.20	—					—	6020	M6020	5,15,30,60	30	
56▲	6.80	—					—	5021-2P	M5021-2P	5,15,30,60	22	
70▲	8.40	—					—	6020-2P	M6020-2P	5,15,30,60	30	
84▲	10.20	—					—	5021-3P	M5021-3P	5,15,30,60	23	
105▲	12.60	—					—	6020-3P	M6020-3P	5,15,30,60	31	
112▲	13.50	—					—	5021-4P	M5021-4P	15, 30, 60	23	
140▲	16.80	—					—	6020-4P	M6020-4P	15, 30, 60	31	
168▲	20.40	—					—	5021-6P	M5021-6P	15, 30, 60	24	
175▲	21.00	—					—	6020-5P	M6020-5P	15, 30, 60	31	
196▲	23.50	—					—	5021-7P	M5021-7P	30, 60	24	
210▲	25.20	—					—	6020-6P	M6020-6P	15, 30, 60	32	
224▲	26.90	—					—	5021-8P	M5021-8P	30, 60	24	
245▲	29.40	—	—	6020-7P	M6020-7P	30, 60	32					
SINGLE PHASE	240	50/60	0-240	0.80	0.19	1.00	0.24	252	—	—	10	
			0-264	0.80	0.21	—	—					
		50/60	60	0-240	1.75	0.42	2.20	0.53	171-2	—	—	10
				0-264	1.75	0.46	—	—				
		50/60	60	0-240	2.00	0.48	2.50	0.60	201-2	—	—	10
				0-264	2.00	0.53	—	—				
		50/60	60	0-240	2.50	0.60	3.20	0.77	221-B-2	—	—	10
				0-264	2.50	0.66	—	—				
		50/60	60	0-240	3.00	0.72	3.50	0.84	291-2	—	—	11
				0-264	3.00	0.79	—	—				
		50/60	60	0-240	3.50	0.84	5.0	1.20	1020B 3PN1020B	M1020B —	5,15,30,60 —	14
				0-280 ■	3.50	0.98	—	—				
		50/60	60	0-240	5.00	1.20	7.00	1.68	501-B-2	M501-B-2	5,15,30,60	12
				0-280	5.00	1.40	—	—				
		50/60	60	0-240	5.00	1.20	7.00	1.68	1220B 3PN1220B	M1220B —	5,15,30,60 —	17
				0-280	5.00	1.40	—	—				
		50/60	60	0-240	9.50	2.28	12.00	2.88	1520 3PN1520B	M1520 —	5,15,30,60 —	18
				0-280 ■	9.50	2.66	—	—				
50/60	60	0-240	10	2.40	13	3.12	1010B-2	M1010B-2	5,15,30,60	14		
		0-280	10	2.80	—	—						
50/60	60	0-240	10	2.40	13	3.12	2520 3PN2520B	M2520 —	5,15,30,60 —	20		
		0-280 ■	10	2.80	—	—						
50/60	60	0-240	12	2.88	15	3.60	1210B-2	M1210B-2	5,15,30,60	17		
		0-280	15	3.60	20	4.80						
50/60	60	0-240	15	3.60	20	4.80	1510-2	M1510-2	5,15,30,60	18		
		0-280	15	4.20	—	—						
50/60	60	0-240	20	4.80	26	6.20	2520-2*	M2520-2*	5,15,30,60	20		
		0-280	20	5.60	—	—						
50/60	60	0-240	25	6.00	30	7.20	2510-2	M2510-2	5,15,30,60	20		
		0-280	25	7.00	—	—						
50/60	60	0-240	28	6.70	—	—	5021	M5021	5,15,30,60	22		
		0-280	28	7.80	—	—						

See legend on last page.

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		INPUT		OUTPUT				MANUALLY OPERATED	MOTOR DRIVEN		DETAILED TECHNICAL INFO PAGE		
		VOLTS	HERTZ	VOLTS	CONSTANT CURRENT LOAD†		CONSTANT IMPEDANCE LOAD‡		PART NUMBER	PART NUMBER		AVAILABLE SPEEDS (sec. at 60 Hz*)	
					MAX AMPS	MAX KVA	MAX AMPS						MAX KVA
SINGLE PHASE	240	50/60	0-240 0-280	30 30	7.20 8.40	39 —	9.40 —	2520-3**	M2520-3**	5,15,30,60	20		
		50/60	0-240 0-280	35 35	8.40 9.80	— —	— —	6020	M6020	5,15,30,60	30		
		50/60	0-280	50	14.00	—	—	5011-2S	M5011-2S	5,15,30,60	22		
		50/60	0-240 0-280	56 56	13.40 15.70	— —	— —	5021-2P	M5021-2P	5,15,30,60	22		
		50/60	0-240 0-280	60 60	14.40 16.80	— —	— —	6011-2S	M6011-2S	5,15,30,60	30		
		50/60	0-240 0-280	70 70	16.80 19.60	— —	— —	6020-2P	M6020-2P	5,15,30,60	30		
		50/60	0-240 0-280	84 84	20.20 23.50	— —	— —	5021-3P	M5021-3P	5,15,30,60	23		
		50/60	0-240 0-280	105 105	25.20 29.40	— —	— —	6020-3P	M6020-3P	5,15,30,60	31		
		50/60	0-240 0-280	112 112	26.90 31.40	— —	— —	5021-4P	M5021-4P	15, 30, 60	23		
				0-240 0-280	120 120	28.80 33.60	— —	— —	6011-4PS	M6011-4PS	15, 30, 60	31	
				0-240 0-280	140 140	33.60 39.20	— —	— —	6020-4P	M6020-4P	15, 30, 60	31	
				0-280	150	42.00	—	—	5011-6PS	M5011-6PS	15, 30, 60	23	
				0-240 0-280	168 168	40.30 47.00	— —	— —	5021-6P	M5021-6P	15, 30, 60	24	
				0-240 0-280	175 175	42.00 49.00	— —	— —	6020-5P	M6020-5P	15, 30, 60	31	
				0-240 0-280	180 180	43.20 50.40	— —	— —	6011-6PS	M6011-6PS	15, 30, 60	31	
				0-240 0-280	196 196	47.00 54.90	— —	— —	5021-7P	M5021-7P	30, 60	24	
				0-240 0-280	210 210	50.40 58.80	— —	— —	6020-6P	M6020-6P	15, 30, 60	32	
				0-240 0-280	224 224	53.80 62.70	— —	— —	5021-8P	M5021-8P	30, 60	24	
		50/60	0-240 0-280	240 240	57.60 67.20	— —	— —	6011-8PS	M6011-8PS	30, 60	32		
			0-240 0-280	245 245	58.80 68.60	— —	— —	6020-7P	M6020-7P	30, 60	32		
			0-280	250	70.00	—	—	—	M5011-10PS	30, 60	24		
			0-240 0-280	252 252	60.50 70.60	— —	— —	5021-9P	M5021-9P	30, 60	24		
			0-240 0-280	280 280	67.20 78.40	— —	— —	6020-8P	M6020-8P	30, 60	32		
			0-240 0-280	300 300	72.00 84.00	— —	— —	—	M6011-10PS	30, 60	32		
			0-240 0-280	315 315	75.60 88.20	— —	— —	6020-9P	M6020-9P	30, 60	32		
			0-240 0-280	360 360	86.40 100.80	— —	— —	—	M6011-12PS	30, 60	33		
			0-240 0-280	420 420	100.80 117.60	— —	— —	—	M6011-14PS	60	33		
			0-240 0-280	480 480	115.20 134.40	— —	— —	—	M6011-16PS	60	33		
			0-240 0-280	540 540	129.60 151.20	— —	— —	—	M6011-18PS	60	33		
	1 PHASE V. DOUBLERS	240	50/60	0-560	3.50 ▲	0.84	—	—	1020B-2	M1020B-2	5,15,30,60	14	
					9.50 ▲	2.28	—	—	1520-2	M1520-2	5,15,30,60	18	
					10 ▲	2.40	—	—	2520-2	M2520-2	5,15,30,60	20	
					28 ▲	6.80	—	—	5021-2S	M5021-2S	5,15,30,60	22	
35 ▲					8.40	—	—	6020-2S	M6020-2S	5,15,30,60	30		

See legend on last page.

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	INPUT		OUTPUT				MANUALLY OPERATED	MOTOR DRIVEN		DETAILED TECHNICAL INFO PAGE	
	VOLTS	HERTZ	VOLTS	CONSTANT CURRENT LOAD†		CONSTANT IMPEDANCE LOAD‡		PART NUMBER	AVAILABLE SPEEDS (sec. at 60 Hz*)		
				MAX AMPS	MAX KVA	MAX AMPS					MAX KVA
<b>SINGLE PHASE VOLTAGE DOUBLERS</b>	240	50/60	0-560	56 ▲	13.50	—	—	5021-4PS	M5021-4PS	15, 30, 60	23
				70 ▲	16.80	—	—	6020-4PS	M6020-4PS	15, 30, 60	31
				84 ▲	20.40	—	—	5021-6PS	M5021-6PS	15, 30, 60	24
				105▲	25.20	—	—	6020-6PS	M6020-6PS	15, 30, 60	32
				112 ▲	26.90	—	—	5021-8PS	M5021-8PS	30, 60	24
				140 ▲	33.60	—	—	6020-8PS	M6020-8PS	30, 60	32
				168 ▲	40.30	—	—	—	M5021-12PS	30, 60	25
				175 ▲	42.00	—	—	—	M6020-10PS	30, 60	33
				196 ▲	47.10	—	—	—	M5021-14PS	60	25
				210 ▲	50.40	—	—	—	M6020-12PS	30, 60	33
				224 ▲	53.80	—	—	—	M5021-16PS	60	25
				245 ▲	58.80	—	—	—	M6020-14PS	60	33
				252 ▲	60.50	—	—	—	M5021-18PS	60	25
				280 ▲	67.20	—	—	—	M6020-16PS	60	33
315 ▲	75.60	—	—	—	M6020-18PS	60	33				
<b>SINGLE PHASE</b>	480	50/60	0-480 0-528	0.80 0.80	0.38 0.42	1.00	0.48	252-2	—	—	10
		50/60	0-480 0-560	3.50 3.50	1.68 1.96	5.00	2.40	1020B-2	M1020B-2	5,15,30,60	14
		60	0-480	5.00	2.40	7.00	3.36	1220B-2	M1220B-2	5,15,30,60	17
		50/60	0-480 0-560	9.50 9.50	4.56 5.32	12	5.76	1520-2	M1520-2	5,15,30,60	18
			0-480 0-560	10 10	4.80 5.60	13	6.24	2520-2	M2520-2	5,15,30,60	20
			0-480 0-560	28 28	13.50 15.70	—	—	5021-2S	M5021-2S	5,15,30,60	22
			0-480 0-560	35 35	16.80 19.60	—	—	6020-2S	M6020-2S	5,15,30,60	30
			0-480 0-560	56 56	26.90 31.40	—	—	5021-4PS	M5021-4PS	15, 30, 60	23
			0-480 0-560	70 70	33.60 39.20	—	—	6020-4PS	M6020-4PS	15, 30, 60	31
			0-480 0-560	84 84	40.30 47.00	—	—	5021-6PS	M5021-6PS	15, 30, 60	24
			0-480 0-560	105 105	50.40 58.80	—	—	6020-6PS	M6020-6PS	15, 30, 60	32
			0-480 0-560	112 112	53.80 62.70	—	—	5021-8PS	M5021-8PS	30, 60	24
			0-480 0-560	140 140	67.20 78.40	—	—	6020-8PS	M6020-8PS	30, 60	32
			0-480 0-560	168 168	80.60 94.10	—	—	—	M5021-12PS	30, 60	25
			0-480 0-560	175 175	84.00 98.00	—	—	—	M6020-10PS	30, 60	33
			0-480 0-560	196 196	94.10 109.80	—	—	—	M5021-14PS	60	25
			0-480 0-560	210 210	100.80 117.60	—	—	—	M6020-12PS	30, 60	33
			0-480 0-560	224 224	107.50 125.50	—	—	—	M5021-16PS	60	25
			0-480 0-560	245 245	117.60 137.20	—	—	—	M6020-14PS	60	33
			0-480 0-560	252 252	121.00 141.00	—	—	—	M5021-18PS	60	25
			0-480 0-560	280 280	134.40 156.80	—	—	—	M6020-16PS	60	33
			0-480 0-560	315 315	151.20 176.40	—	—	—	M6020-18PS	60	33

See legend on last page.

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	INPUT		OUTPUT				MANUALLY OPERATED	MOTOR DRIVEN		DETAILED TECHNICAL INFO PAGE			
	VOLTS	HERTZ	VOLTS	CONSTANT CURRENT LOAD†		CONSTANT IMPEDANCE LOAD‡		PART NUMBER	PART NUMBER		AVAILABLE SPEEDS (sec. at 60 Hz*)		
				MAX AMPS	MAX KVA	MAX AMPS						MAX KVA	
THREE PHASE OPEN DELTA VOLTAGE DOUBLERS	120	50/60	0-280	3.50▲	0.73	—	—	1020B-2	M1020B-2	5,15,30,60	14		
				9.50▲	1.98	—	—	1520-2	M1520-2	5,15,30,60	18		
				10▲	2.10	—	—	2520-2	M2520-2	5,15,30,60	20		
				28▲	5.80	—	—	5021-2D	M5021-2D	5,15,30,60	22		
				35▲	7.30	—	—	6020-2D	M6020-2D	5,15,30,60	30		
				56▲	11.80	—	—	5021-4D	M5021-4D	15, 30, 60	23		
				70▲	14.50	—	—	6020-4D	M6020-4D	15, 30, 60	31		
				84▲	17.60	—	—	5021-6D	M5021-6D	15, 30, 60	24		
				105▲	21.80	—	—	6020-6D	M6020-6D	15, 30, 60	32		
				112▲	23.30	—	—	5021-8D	M5021-8D	30, 60	24		
				140▲	29.10	—	—	6020-8D	M6020-8D	30, 60	32		
				175▲	36.30	—	—	—	M6020-10D	30, 60	32		
				196▲	40.80	—	—	—	M5021-14D	60	25		
				210▲	43.60	—	—	—	M6020-12D	30, 60	33		
				224▲	46.60	—	—	—	M5021-16D	60	25		
				245▲	50.90	—	—	—	M6020-14D	60	33		
252▲	52.50	—	—	—	M5021-18D	60	25						
280▲	58.10	—	—	—	M6020-16D	60	33						
315▲	94.50	—	—	—	M6020-18D	60	33						
THREE PHASE OPEN DELTA	240	50/60	0-240	0.80	0.33	1.00	0.42	252-2	—	—	10		
			0-264	0.80	0.37	—	—						
		50/60	60	0-240	3.50	1.45	5.00	2.08	1020B-2	M1020B-2	5,15,30,60	14	
				0-280	3.50	1.70	—	—					
			50/60	60	0-240	5.00	2.08	7.00	2.91	1220B-2	M1220B-2	5,15,30,60	17
					0-240	9.50	3.95	12	5.00	1520-2	M1520-2	5,15,30,60	18
					0-280	9.50	4.61	—	—				
					0-240	10	4.20	13	5.40	2520-2	M2520-2	5,15,30,60	20
						0-280	10	4.85	—				
					0-240	28	11.60	—	—	5021-2D	M5021-2D	5,15,30,60	22
						0-280	28	13.60	—				
					0-240	35	14.50	—	—	6020-2D	M6020-2D	5,15,30,60	30
						0-280	35	16.90	—				
					0-240	56	23.30	—	—	5021-4D	M5021-4D	15, 30, 60	23
						0-280	56	27.20	—				
					0-240	70	29.10	—	—	6020-4D	M6020-4D	15, 30, 60	31
						0-280	70	33.90	—				
					0-240	84	34.90	—	—	5021-6D	M5021-6D	15, 30, 60	24
						0-280	84	40.70	—				
					0-240	105	43.60	—	—	6020-6D	M6020-6D	15, 30, 60	32
						0-280	105	50.90	—				
					0-240	112	46.60	—	—	5021-8D	M5021-8D	30, 60	24
						0-280	112	54.30	—				
					0-240	140	58.10	—	—	6020-8D	M6020-8D	30, 60	32
						0-280	140	67.80	—				
					0-240	175	72.70	—	—	—	M6020-10D	30, 60	32
						0-280	175	84.80	—				
					0-240	196	81.50	—	—	—	M5021-14D	60	25
0-280	196	95.10	—	—									
0-240	210	87.20	—	—	—	M6020-12D	30, 60	33					
	0-280	210	101.70	—					—				
0-240	224	93.10	—	—	—	M5021-16D	—	25					
	0-280	224	108.60	—					—				
0-240	245	101.70	—	—	—	M6020-14D	60	33					
	0-280	245	118.70	—					—				
0-240	252	104.50	—	—	—	M5021-18D	60	25					
	0-280	252	122.20	—					—				
0-240	280	116.30	—	—	—	M6020-16D	60	33					
	0-280	280	135.60	—					—				
0-240	315	130.80	—	—	—	M6020-18D	60	33					
	0-280	315	152.60	—					—				

See legend on last page.

# Product Quick Selector

	INPUT		OUTPUT				MANUALLY OPERATED	MOTOR DRIVEN		DETAILED TECHNICAL INFO PAGE	
	VOLTS	HERTZ	VOLTS	CONSTANT CURRENT LOAD†		CONSTANT IMPEDANCE LOAD‡		PART NUMBER	AVAILABLE SPEEDS (sec. at 60 Hz*)		
				MAX AMPS	MAX KVA	MAX AMPS					MAX KVA
<b>THREE PHASE WYE</b>	240	60	0-240	1.75	0.73	2.20	0.92	171-3	—	—	10
			0-240	2.00	0.83	2.50	1.04	201-3	—	—	10
			0-240	2.50	1.04	3.20	1.33	221-B-3	—	—	10
			0-240	3.00	1.25	3.50	1.45	291-3	—	—	11
			0-240	5.00	2.08	7.00	2.91	501-B-3	M501-B-3	5,15,30,60	12
			0-280	5.00	2.43	—	—				
			0-240	10	4.16	13	5.40	1010B-3	M1010B-3	5,15,30,60	14
			0-280	10	4.85	—	—				
			0-240	12	4.96	15	6.24	1210B-3	M1210B-3	5,15,30,60	17
			0-240	15	6.22	20	8.30	1510-3	M1510-3	5,15,30,60	18
			0-280	15	7.26	—	—				
			0-240	25	10.40	30	12.50	2510-3	M2510-3	5,15,30,60	20
			0-280	25	12.10	—	—				
			0-280	50	24.20	—	—	5011-3Y	M5011-3Y	5,15,30,60	22
			0-240	60	24.90	—	—	6011-3Y	M6011-3Y	5,15,30,60	30
			0-280	60	29.10	—	—				
			0-280	100	48.50	—	—	5011-6Y	M5011-6Y	15, 30, 60	23
			0-240	120	49.80	—	—	6011-6Y	M6011-6Y	15, 30, 60	31
			0-280	120	58.10	—	—				
			0-280	150	72.50	—	—	5011-9Y	M5011-9Y	30, 60	24
			0-240	180	74.70	—	—	6011-9Y	M6011-9Y	30, 60	32
			0-280	180	87.20	—	—				
			0-280	200	96.70	—	—	—	M5011-12Y	30, 60	25
			0-240	240	99.60	—	—	—	M6011-12Y	30, 60	33
			0-280	240	116.30	—	—				
			0-280	250	121.00	—	—	—	M5011-15Y	60	26
			0-240	300	124.60	—	—	—	M6011-15Y	60	34
			0-280	300	145.30	—	—				
0-240	360	149.50	—	—	—	M6011-18Y	60	34			
0-280	360	174.40	—	—							
0-280	400	193.70	—	—	—	M5011-24Y	60	26			
0-240	420	174.40	—	—	—	M6011-21Y	60	34			
0-280	420	203.40	—	—							
0-280	450	218.40	—	—	—	M5011-27Y	60	26			
0-240	480	199.30	—	—	—	M6011-24Y	60	34			
0-280	480	232.50	—	—							
0-240	540	224.20	—	—	—	M6011-27Y	60	34			
0-280	540	261.60	—	—							
<b>THREE PHASE WYE VOLTAGE DOUBLERS</b>	240	60	0-560	3.50▲	1.46	—	—	1020B-3	M1020B-3	5,15,30,60	14
				9.50▲	3.96	—	—	1520-3	M1520-3	5,15,30,60	18
				10▲	4.20	—	—	2520-3	M2520-3	5,15,30,60	20
				28▲	11.80	—	—	5021-3Y	M5021-3Y	5,15,30,60	23
				35▲	14.50	—	—	6020-3Y	M6020-3Y	5,15,30,60	31
				56▲	23.50	—	—	5021-6Y	M5021-6Y	15, 30, 60	24
				70▲	29.10	—	—	6020-6Y	M6020-6Y	15, 30, 60	32
				84▲	35.00	—	—	5021-9Y	M5021-9Y	30, 60	24
				105▲	43.60	—	—	6020-9Y	M6020-9Y	30, 60	32
				112▲	46.60	—	—	—	M5021-12Y	30, 60	25
				140▲	58.10	—	—	—	M6020-12Y	30, 60	34
				168▲	70.00	—	—	—	M5021-18Y	60	26
				175▲	72.70	—	—	—	M6020-15Y	60	34
				196▲	82.00	—	—	—	M5021-21Y	60	26
				210▲	87.20	—	—	—	M6020-18Y	60	34
				224▲	93.00	—	—	—	M5021-24Y	60	26
				245▲	101.70	—	—	—	M6020-21Y	60	34
				252▲	105.00	—	—	—	M5021-27Y	60	26
				280▲	116.30	—	—	—	M6020-24Y	60	34
				315▲	130.80	—	—	—	M6020-27Y	60	34

See legend on last page.

# Product Quick Selector

	INPUT		OUTPUT				MANUALLY OPERATED  PART NUMBER	MOTOR DRIVEN		DETAILED TECHNICAL INFO PAGE	
	VOLTS	HERTZ	VOLTS	CONSTANT CURRENT LOAD†		CONSTANT IMPEDANCE LOAD‡		PART NUMBER	AVAILABLE SPEEDS (sec. at 60 Hz*)		
				MAX AMPS	MAX KVA	MAX AMPS					MAX KVA
THREE PHASE WYE	50/60	60	0-480	0.80	0.67	1.00	0.83	252-3	—	—	10
	60	60	0-528	0.80	0.73	—	—	—	—	—	—
	50/60	60	0-480	3.50	2.91	5.00	4.16	1020B-3	M1020B-3	5,15,30,60	14
	60	60	0-560	3.50	3.40	—	—	—	—	—	—
	60	60	0-480	5.00	4.16	7.00	5.82	1220B-3	M1220B-3	5,15,30,60	17
	50/60	60	0-480	9.50	7.90	12	10	1520-3	M1520-3	5,15,30,60	18
	60	60	0-560	9.50	9.21	—	—	—	—	—	—
	50/60	60	0-480	10	8.30	13	10.81	2520-3	M2520-3	5,15,30,60	20
	60	60	0-560	10	9.70	—	—	—	—	—	—
	50/60	60	0-480	28	23.30	—	—	5021-3Y	M5021-3Y	5,15,30,60	23
	60	60	0-560	28	27.20	—	—	—	—	—	—
	50/60	60	0-480	35	29.10	—	—	6020-3Y	M6020-3Y	5,15,30,60	31
	60	60	0-560	35	33.90	—	—	—	—	—	—
	50/60	60	0-480	56	46.60	—	—	5021-6Y	M5021-6Y	15, 30, 60	24
	60	60	0-560	56	54.30	—	—	—	—	—	—
	50/60	60	0-480	70	58.10	—	—	6020-6Y	M6020-6Y	15, 30, 60	32
	60	60	0-560	70	67.80	—	—	—	—	—	—
	50/60	60	0-480	84	69.80	—	—	5021-9Y	M5021-9Y	30, 60	24
	60	60	0-560	84	81.50	—	—	—	—	—	—
	50/60	60	0-480	105	87.20	—	—	6020-9Y	M6020-9Y	30, 60	32
60	60	0-560	105	101.70	—	—	—	—	—	—	
50/60	60	0-480	112	93.10	—	—	—	M5021-12Y	30, 60	25	
60	60	0-560	112	108.60	—	—	—	—	—	—	
50/60	60	0-480	140	116.30	—	—	—	M6020-12Y	30, 60	34	
60	60	0-560	140	135.60	—	—	—	—	—	—	
50/60	60	0-480	168	139.50	—	—	—	M5021-18Y	60	26	
60	60	0-560	168	163.30	—	—	—	—	—	—	
50/60	60	0-480	175	145.30	—	—	—	M6020-15Y	60	34	
60	60	0-560	175	169.50	—	—	—	—	—	—	
50/60	60	0-480	196	163.0	—	—	—	M5021-21Y	60	26	
60	60	0-560	196	189.5	—	—	—	—	—	—	
50/60	60	0-480	210	174.60	—	—	—	M6020-18Y	60	34	
60	60	0-560	210	203.40	—	—	—	—	—	—	
50/60	60	0-480	224	186.50	—	—	—	M5021-24Y	60	26	
60	60	0-560	224	217.80	—	—	—	—	—	—	
50/60	60	0-480	245	203.40	—	—	—	M6020-21Y	60	34	
60	60	0-560	245	237.40	—	—	—	—	—	—	
50/60	60	0-480	252	209.50	—	—	—	M5021-27Y	60	26	
60	60	0-560	252	244.00	—	—	—	—	—	—	
50/60	60	0-480	280	232.50	—	—	—	M6020-24Y	60	34	
60	60	0-560	280	271.30	—	—	—	—	—	—	
50/60	60	0-480	315	261.60	—	—	—	M6020-27Y	60	34	
60	60	0-560	315	305.20	—	—	—	—	—	—	

Models with 575V input and 0-575V output are available with Series 6020 variable transformers with a Y, S, or PS suffix. See pages 30, 31, 32, 33 & 34.

† **Constant Current Load** — the normal rated output amperes may be drawn at any position of the brush except in voltage doubler connections.

‡ **Constant Impedance Load** — an increased current may be drawn at the maximum voltage output (Limited to line voltage) provided the current reduces proportionally as output voltage is lowered.

▲ **Voltage Doubler** (half rates voltage input). Normal rated amperes may be drawn from 0 to 125% of the input voltage. At outputs above this, the load current must be reduced according to the derating guide. Figure B, page 6.

■ Cord and plug models wired this way at the factory

• One 52LAC paralleling choke is required

•• Three 52LAC paralleling chokes are required.

\* Speeds are approximately 20% slower at 50Hz.