

Table 1: 120 x 240 V Primary, 12/24 V Secondary (Single Phase)

Input Voltage	Output Voltage	Quantity Req'd	Connecton Diagram	Application Data	Secondary Voltage											
					HS19B50	HS19B100	HS19B150	HS19B250	HS19F500B	HS19F750B	HS19F1B	HS19F1.5A	HS19F2A	HS19F3A	HS19F5A	HS19F7.5A
BOOSTING																
100	120	1	B1	KVA	0.25	0.5	0.75	1.25	2.5	3.75	5	7.5	10.0	15.0	25.0	37.5
				Load Amps	2.08	4.16	6.25	10.4	20.8	31.2	41.6	62.5	83.3	125.0	208.0	312.0
				Fuse Size	6	10	15	25	35	50	70	100.0	125.0	200.0	350.0	500.0
109	120	1	A1	KVA	0.5	1	1.5	2.5	5	7.5	10	15.0	20.0	30.0	49.9	75.0
				Load Amps	4.16	8.33	12.5	20.8	41.6	62.5	83.3	125.0	167.0	250.0	416.0	625.0
				Fuse Size	10	15	20	30	60	90	125	175.0	250.0	350.0	600.0	1000.0
189	208	1	D1	KVA	0.43	0.87	1.3	2.16	4.33	6.49	8.65	13.0	17.3	26.0	43.3	64.9
				Load Amps	2.08	4.16	6.25	10.4	20.8	31.2	41.6	62.5	83.3	125.0	208.0	312.0
				Fuse Size	6	10	15	15	30	45	60	90.0	125.0	175.0	300.0	450.0
197	208	1	C1	KVA	0.87	1.73	2.6	4.33	8.65	13	17.3	26.0	34.7	52.0	86.5	130.0
				Load Amps	4.16	8.33	12.5	20.8	41.6	62.5	83.3	125.0	167.0	250.0	416.0	625.0
				Fuse Size	6	15	20	30	60	90	110	175.0	225.0	350.0	600.0	1000.0
208	229	1	D1	KVA	0.48	0.95	1.43	2.38	4.77	7.15	9.54	14.3	19.1	28.6	47.6	71.4
				Load Amps	2.08	4.16	6.25	10.4	20.8	31.2	41.6	62.5	83.3	125.0	208.0	312.0
				Fuse Size	6	10	15	15	30	45	60	90.0	125.0	175.0	300.0	450.0
218**	240	1	D1	KVA	0.5	1	1.5	2.5	5	7.5	10	15.0	20.0	30.0	49.9	74.9
				Load Amps	2.08	4.16	6.25	10.4	20.8	31.2	41.6	62.5	83.3	125.0	208.0	312.0
				Fuse Size	6	10	15	15	30	45	60	90.0	125.0	175.0	300.0	450.0
229	240	1	C1	KVA	1	2	3	5	10	15	20	30.0	40.1	60.0	99.8	150.0
				Load Amps	4.16	8.33	12.5	20.8	41.6	62.5	83.3	125.0	167.0	250.0	416.0	625.0
				Fuse Size	6	15	20	30	60	90	110	175.0	225.0	350.0	600.0	1000.0
BUCKING																
132**	120	1	A2	KVA	0.55	1.1	1.65	2.75	5.5	8.25	11	16.5	22.0	33.0	54.9	82.5
				Load Amps	4.58	9.16	13.75	22.9	45.8	68.7	91.6	137.5	183.3	275.0	457.6	687.5
				Fuse Size	10	15	20	30	60	80	110	175.0	225.0	350.0	600.0	800.0
144**	120	1	B2	KVA	0.3z	0.6	0.9	1.5	3	4.5	6	9.0	12.0	18.0	30.0	44.9
				Load Amps	2.5	5	7.5	12.5	25	37.5	50	75.0	100.0	150.0	249.6	374.4
				Fuse Size	6	10	15	15	30	40	60	80.0	110.0	175.0	300.0	400.0
229	208	1	D2	KVA	0.48	0.95	1.43	2.38	4.77	7.15	9.54	14.3	19.1	28.6	47.6	71.4
				Load Amps	2.29	4.58	6.88	11.4	22.9	34.4	45.8	68.8	91.6	137.5	228.8	343.2
				Fuse Size	6	10	15	15	30	40	60	80.0	110.0	175.0	300.0	400.0
252**	240	1	C2	KVA	1.04	2.1	3.15	5.25	10.5	15.7	21	31.5	42.0	63.0	104.8	157.5
				Load Amps	4.34	8.75	13.13	21.8	43.7	65.6	87.5	131.3	174.9	262.5	436.8	656.3
				Fuse Size	10	15	15	30	60	80	110	175.0	225.0	350.0	600.0	800.0
264**	240	1	D2	KVA	0.55	1.1	1.65	2.75	5.5	8.25	11	16.5	22.0	33.0	54.9	82.5
				Load Amps	2.29	4.58	6.88	11.4	22.9	34.3	45.8	68.8	91.6	137.5	228.8	343.2
				Fuse Size	6	10	15	15	30	40	60.0	80.0	110.0	175.0	300.0	400.0

** Shaded items are 60 Hz only (All other ratings shown are 50/60 Hz)

Table 2: 120 x 240 V Primary, 16/32 V Secondary (Single Phase)

Input Voltage	Output Voltage	Quantity Req'd	Connecton Diagram	Application Data	Secondary Voltage											
					HS20B150	HS20B250	HS20F500B	HS20F750B	HS20F1B	HS20F1.5A	HS20F2A	HS20F3A	HS20F5A	HS20F7.5A		
BOOSTING																
95	120	1	B1	KVA	0.6	0.9	1.9	2.8	3.8	5.6	7.5	11.2	18.7	28.0		
				Load Amps	4.7	7.8	15.6	23.4	31.2	46.8	62.5	93.7	156.0	234.0		
				Fuse Size	10.0	15.0	25.0	40.0	50.0	80.0	100.0	150.0	250.0	400.0		
106	120	1	A1	KVA	1.1	1.9	3.7	5.6	7.5	11.2	15.0	22.5	37.4	56.2		
				Load Amps	9.4	15.6	31.2	46.8	62.5	93.7	125.0	187.5	312.0	468.0		
				Fuse Size	15.0	25.0	45.0	70.0	90.0	150.0	200.0	300.0	450.0	700.0		
183	208	1	D1	KVA	1.0	1.6	3.2	4.9	6.5	9.7	13.0	19.5	32.4	48.6		
				Load Amps	4.7	7.8	15.6	23.4	31.2	46.8	62.5	93.7	156.0	234.0		
				Fuse Size	10.0	15.0	25.0	35.0	45.0	70.0	90.0	150.0	225.0	350.0		
195	208	1	C1	KVA	2.0	3.2	6.5	9.7	13.0	19.5	26.0	39.0	64.9	97.3		
				Load Amps	9.4	15.6	31.2	46.8	62.5	93.7	125.0	187.5	312.0	468.0		
				Fuse Size	15.0	25.0	45.0	70.0	90.0	125.0	175.0	250.0	450.0	700.0		
208	236	1	D1	KVA	1.1	1.8	3.7	5.5	7.4	11.0	14.7	22.0	36.8	55.2		
				Load Amps	4.7	7.8	15.6	23.4	31.2	46.8	62.5	93.7	156.0	234.0		
				Fuse Size	10.0	15.0	25.0	40.0	50.0	70.0	90.0	150.0	225.0	350.0		
225	240	1	C1	KVA	2.3	3.7	7.5	11.2	15.0	22.5	30.0	45.0	74.8	112.3		
				Load Amps	9.4	15.6	31.2	46.8	62.5	93.7	125.0	187.5	312.0	468.0		
				Fuse Size	15.0	25.0	45.0	70.0	90.0	125.0	175.0	250.0	450.0	700.0		
240**	272	1	D1	KVA	1.3	2.1	4.2	6.4	8.5	12.7	17.0	25.5	42.4	63.6		
				Load Amps	4.7	7.8	15.6	23.4	31.2	46.8	62.5	93.7	156.0	234.0		
				Fuse Size	10.0	15.0	25.0	35.0	45.0	70.0	90.0	150.0	225.0	350.0		
BUCKING																
136**	120	1	A2	KVA	1.3	2.1	4.2	6.4	8.5	12.7	17.0	25.5	42.4	63.6		
				Load Amps	10.6	17.7	35.4	53.2	70.8	106.2	141.7	212.5	353.6	530.4		
				Fuse Size	15.0	20.0	40.0	60.0	80.0	125.0	175.0	250.0	400.0	600.0		
152**	120	1	B2	KVA	0.7	1.2	2.4	3.6	4.7	7.1	9.5	14.3	23.7	35.6		
				Load Amps	6.0	9.9	19.8	29.6	39.5	59.4	79.2	118.8	197.6	296.4		
				Fuse Size	10.0	15.0	20.0	30.0	40.0	60.0	80.0	125.0	200.0	300.0		
236	208	1	D2	KVA	1.1	1.8	3.7	5.5	7.4	11.1	14.8	22.1	36.8	55.2		
				Load Amps	5.3	8.9	17.7	26.5	35.4	53.2	70.9	106.4	177.0	265.5		
				Fuse Size	6.0	15.0	20.0	30.0	40.0	60.0	80.0	125.0	200.0	300.0		
256**	240	1	C2	KVA	2.4	4.0	8.0	12.0	16.0	24.0	32.0	48.0	79.9	119.8		
				Load Amps	10.0	16.6	33.3	50.0	66.7	99.9	133.3	200.0	332.8	499.2		
				Fuse Size	15.0	20.0	40.0	60.0	80.0	125.0	175.0	250.0	400.0	600.0		
272**	240	1	D2	KVA	1.3	2.1	4.2	6.4	8.5	12.8	17.0	25.5	42.4	63.6		
				Load Amps	5.3	8.8	17.7	26.5	35.4	53.2	70.8	106.3	176.8	265.2		
				Fuse Size	10.0	15.0	20.0	30.0	40.0	60.0	80.0	125.0	200.0	300.0		

** Shaded items are 60 Hz only (All other ratings shown are 50/60 Hz)

Table 3: 240 x 480 V Primary, 24/48 V Secondary (Single Phase)

Input Voltage	Output Voltage	Quantity Req'd	Connecton Diagram	Application Data	Secondary Voltage											
					HS22B150	HS22B250	HS22F500B	HS22F750B	HS22F1B	HS22F1.5A	HS22F2A	HS22F3A	HS22F5A	HS22F7.5A		
BOOSTING																
200	240	1	B1	KVA	0.75	1.25	2.50	3.74	4.99	7.49	9.98	15.0	24.96	37.44		
				Load Amps	3.10	5.20	10.40	15.60	20.80	31.2	41.6	62.5	83.3	125.0	208.0	312.0
				Fuse Size	6.00	10.00	15.00	20.00	30.00	50.0	70.0	90.0	150.0	225.0		
230**	277	1	B1	KVA	0.87	1.44	2.88	4.22	5.76	8.64	11.52	17.31	28.81	43.21		
				Load Amps	3.10	5.20	10.40	15.60	20.80	31.2	41.6	62.5	83.3	125.0	208.0	312.0
				Fuse Size	10.00	15.00	20.00	25.00	35.00	50.0	70.0	90.0	150.0	225.0		
346	380	1	D1	KVA	1.20	1.98	3.95	5.93	7.90	11.86	15.81	23.75	35.62	53.43	79.28	
				Load Amps	3.10	5.20	10.40	15.60	20.80	31.2	41.6	62.5	83.3	125.0	208.0	312.0
				Fuse Size	6.00	10.00	15.00	20.00	30.00	45.0	60.0	90.0	150.0	225.0		
362	380	1	C1	KVA	2.40	3.95	7.90	11.86	15.81	23.75	31.65	47.5	79.04	118.56		
				Load Amps	6.30	10.40	20.80	31.20	41.60	62.5	83.3	125	208	312.0		
				Fuse Size	10.00	15.00	30.00	40.00	60.00	90.0	110.0	175.0	300.0	450.0		
378	416	1	D1	KVA	1.30	2.16	4.33	6.49	8.65	12.98	17.31	26.0	43.26	64.9		
				Load Amps	3.10	5.20	10.40	15.60	20.80	31.2	41.6	62.5	83.3	125.0	208.0	312.0
				Fuse Size	6.00	10.00	1									

