

# POWER REFERENCE CARD

kV • A/kW AMPERAGE CHART - 80% POWER FACTOR

kVA	kW	208	240	400	480	600	690	2,400	4,160	4,800	7,200	8,320	12,470	13,200	13,800	24,940	34,500	46,000	69,000	11,5000	13,8000	23,0000	
5	4	14	12	7	6	5	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	8	29	24	14	12	10	8	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	20	69	60	36	30	24	21	6	3	3	2	-	-	-	-	-	-	-	-	-	-	-	-
30	24	83	72	43	36	29	25	7	4	4	2	2	1	-	-	-	-	-	-	-	-	-	-
45	36	125	108	65	54	43	38	11	6	5	4	3	2	-	-	-	-	-	-	-	-	-	-
50	40	139	120	72	60	48	42	12	7	6	4	3	2	-	-	-	-	-	-	-	-	-	-
75	60	208	180	108	90	72	63	18	10	9	6	5	3	3	3	2	1	-	-	-	-	-	-
100	80	278	241	144	120	96	84	24	12	10	7	5	4	4	2	2	1	-	-	-	-	-	-
112.5	90	312	271	162	135	108	94	27	16	14	9	8	5	5	5	3	2	1	-	-	-	-	-
150	120	416	361	217	180	144	126	36	21	18	12	10	7	7	6	3	3	2	1	-	-	-	-
225	180	625	541	325	271	217	188	54	31	27	18	16	10	10	9	5	4	3	2	1	-	-	-
300	240	833	722	433	361	289	251	72	42	36	24	21	14	13	13	7	5	4	3	2	1	-	-
500	400	1,388	1,203	722	601	481	418	120	69	60	40	35	23	22	21	12	8	6	4	3	2	1	1
750	600	2,082	1,804	1,083	902	722	628	180	104	90	60	52	35	33	31	17	13	9	6	4	3	2	2
1,000	800	2,776	2,406	1,443	1,203	962	837	241	139	120	80	69	46	44	42	23	17	13	8	5	4	3	3
1,500	1,200	4,164	3,609	2,165	1,804	1,443	1,255	361	208	180	120	104	69	66	63	35	25	19	13	8	6	4	4
2,000	1,600	5,552	4,811	2,887	2,406	1,925	1,674	481	278	241	160	139	93	87	84	46	33	25	17	10	8	5	5
2,500	2,000	6,940	6,014	3,609	3,007	2,406	2,092	601	347	301	200	173	116	109	105	58	42	31	21	13	10	6	6
3,000	2,400	8,327	7,217	4,330	3,609	2,887	2,510	722	416	361	241	208	139	131	126	69	50	38	25	15	13	8	8
3,750	3,000	10,409	9,021	5,413	4,511	3,609	3,138	902	520	451	301	260	174	164	157	87	63	47	31	19	16	9	9
5,000	4,000	13,879	12,028	7,217	6,014	4,811	4,184	1,203	694	601	401	347	432	219	209	116	84	63	42	25	21	13	13
7,000	5,600	19,431	16,840	10,104	8,420	6,736	5,857	1,684	972	842	561	486	324	306	293	162	117	88	59	35	29	18	18
7,500	6,000	20,819	18,043	10,826	9,021	7,217	6,276	1,804	1,041	902	601	520	347	328	314	174	126	94	63	38	31	19	19
10,000	8,000	27,758	24,057	14,434	12,028	9,623	8,368	2,406	1,388	1,203	802	694	463	437	418	232	167	126	84	50	42	25	25
12,000	9,600	33,310	28,868	17,321	14,434	11,547	10,041	2,887	1,665	1,443	962	833	556	525	502	278	201	151	100	60	50	30	30
15,000	12,000	41,637	36,085	21,651	18,043	14,434	12,551	3,609	2,082	1,804	1,203	1,041	695	656	628	347	251	188	126	75	63	38	38
20,000	16,000	55,516	47,114	28,868	24,057	19,246	16,735	4,811	2,776	2,406	1,604	1,388	926	875	837	463	335	251	167	100	84	50	50
30,000	24,000	83,274	72,171	43,303	36,085	28,868	25,103	7,217	4,164	3,609	2,406	2,082	1,389	1,312	1,255	695	502	377	251	151	126	75	75
40,000	32,000	111,032	96,228	57,737	48,114	38,491	33,471	9,623	5,552	4,811	3,208	2,776	1,852	1,750	1,674	926	669	502	335	201	167	100	100
50,000	40,000	138,790	120,285	72,171	60,142	48,114	41,838	12,028	6,940	6,014	4,009	3,470	2,315	2,187	2,092	1,158	837	628	418	251	209	126	126

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