Manufacturer: Powercom Co., Ltd.

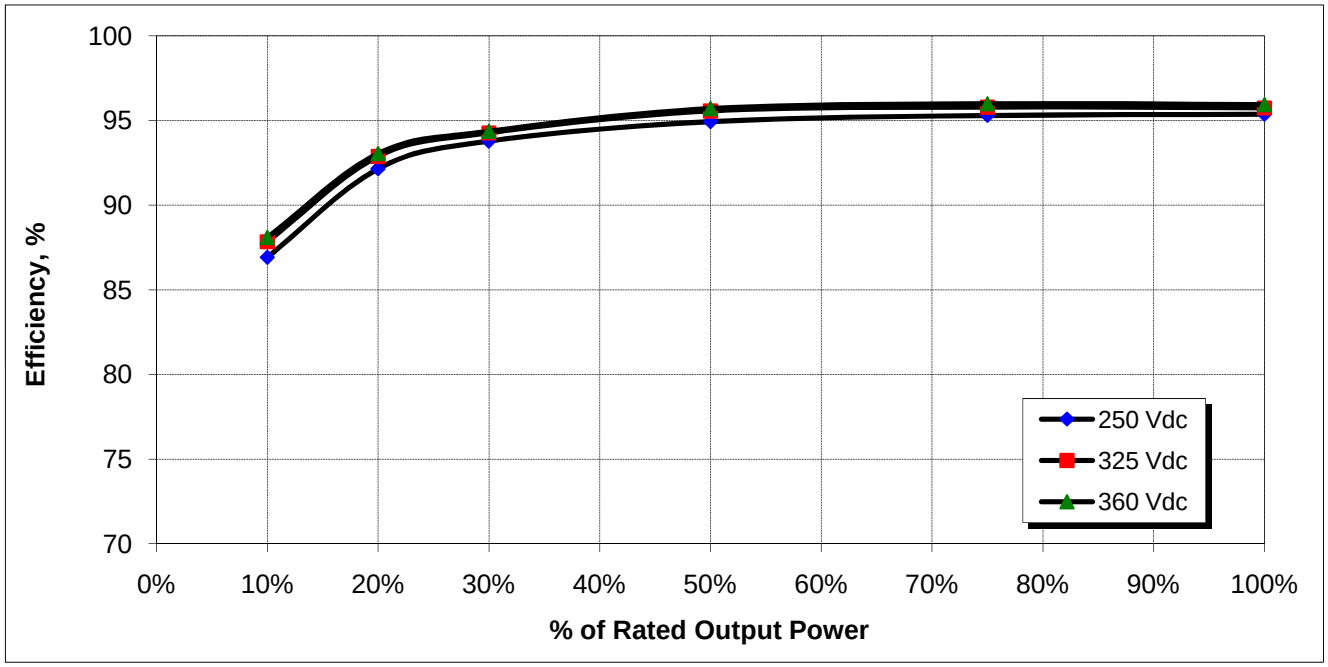
Model #: SLK-2000 (240Vac)

Rated Maximum Continuous Output Power: 2.06 kW Night Tare Loss: 0.36 W

Vmin: 250 Vdc Vnom: 325 Vdc Vmax: 360 Vdc

		Power Level (%; kW)						
		10%	20%	30%	50%	75%	100%	
Input Voltage (Vdc)		0.21	0.41	0.62	1.03	1.55	2.06	Wtd
Vmin	250	86.9	92.1	93.8	94.9	95.3	95.4	94.6
Vnom	325	87.8	92.9	94.3	95.6	95.8	95.7	95.1
Vmax	360	88.1	93.1	94.4	95.7	96.0	95.9	95.3

CEC Efficiency = 95.0%



Minimum of 5 samples required

Inverter Efficiency Data

Specified		Sample #1			Sample #2			Sample #3			Sample #4			Sample #5		
Output Power (% of rated)	Input Voltage (Vdc)	Output Power (kW)	Input Voltage (Vdc)	Efficiency (%)	Output Power (kW)	Input Voltage (Vdc)	Efficiency (%)	Output Power (kW)	Input Voltage (Vdc)	Efficiency (%)	Output Power (kW)	Input Voltage (Vdc)	Efficiency (%)	Output Power (kW)	Input Voltage (Vdc)	Efficiency (%)
10%	Vmin	0.1913	222.07	87.00	0.191	223.91	87.17	0.192	222.72	86.93	0.191	221.98	86.59	0.192	221.39	86.88
20%	Vmin	0.4484	227.1	92.32	0.448	227	91.95	0.449	227.34	92.13	0.448	228.3	92.21	0.449	227.57	92.12
30%	Vmin	0.6675	232.58	93.77	0.669	232.62	93.72	0.667	233.33	93.78	0.668	233.7	93.88	0.669	233.7	93.77
50%	Vmin	1.133	237.72	94.89	1.135	237.44	94.95	1.135	237.53	94.91	1.135	237.51	95.07	1.136	237.63	94.87
75%	Vmin	1.45	257.14	95.29	1.447	257.32	95.37	1.448	257.22	95.23	1.449	257.35	95.37	1.445	257.32	95.23
100%	Vmin	1.9653	256.62	95.39	1.96	256.61	95.32	1.964	256.63	95.35	1.958	256.7	95.27	1.97	256.63	95.52
10%	Vnom	0.19	282.09	87.63	0.19	282.35	87.73	0.19	283.26	87.93	0.19	282.42	87.69	0.19	284.19	88.22
20%	Vnom	0.4531	290.69	93.04	0.453	289.73	92.78	0.453	291.7	92.93	0.453	291.95	92.83	0.453	291.52	92.77
30%	Vnom	0.6688	296.19	94.31	0.669	296.16	94.31	0.669	295.95	94.34	0.669	295.52	94.19	0.669	295.76	94.16
50%	Vnom	1.1241	328.15	95.57	1.131	328.14	95.56	1.129	328.14	95.52	1.13	328.16	95.56	1.163	327.64	95.58
75%	Vnom	1.4591	326.39	95.88	1.457	326.55	95.65	1.457	327.01	95.88	1.458	326.53	95.74	1.459	326.53	95.78
100%	Vnom	1.9759	314.57	95.79	1.974	314.59	95.70	1.972	314.65	95.68	1.975	314.46	95.73	1.973	314.43	95.77
10%	Vmax	0.1952	310.53	88.15	0.194	308.82	87.61	0.196	309.22	88.39	0.194	308.39	87.90	0.195	310.89	88.46
20%	Vmax	0.4486	316.55	93.08	0.449	317.95	93.07	0.449	317.42	93.10	0.449	318.8	93.09	0.448	320.09	92.91
30%	Vmax	0.6691	325.68	94.41	0.668	325.72	94.21	0.67	324.93	94.47	0.67	325.17	94.52	0.669	324.79	94.22
50%	Vmax	1.1396	355.69	95.68	1.139	356.37	95.71	1.141	355.12	95.76	1.115	362.05	95.68	1.113	363.13	95.73
75%	Vmax	1.4612	359.66	95.98	1.46	359.76	96.08	1.462	359.97	96.03	1.46	359.89	95.95	1.461	359.54	95.96
100%	Vmax	1.9842	345.15	95.90	1.984	344.97	95.91	1.989	344.87	95.97	1.986	345.37	96.00	1.987	344.41	95.92

Specified		Sample #6			Sample #7			Sample #8			Sample #9			Sample #10		
Output Power (% of rated)	Input Voltage (Vdc)	Output Power (kW)	Input Voltage (Vdc)	Efficiency (%)	Output Power (kW)	Input Voltage (Vdc)	Efficiency (%)	Output Power (kW)	Input Voltage (Vdc)	Efficiency (%)	Output Power (kW)	Input Voltage (Vdc)	Efficiency (%)	Output Power (kW)	Input Voltage (Vdc)	Efficiency (%)
10%	Vmin															
20%	Vmin															
30%	Vmin															
50%	Vmin															
75%	Vmin															
100%	Vmin															
10%	Vnom															
20%	Vnom															
30%	Vnom															
50%	Vnom															
75%	Vnom															
100%	Vnom															
10%	Vmax															
20%	Vmax															
30%	Vmax															
50%	Vmax															
75%	Vmax															
100%	Vmax															