Manufacturer: Powercom Co., Ltd.

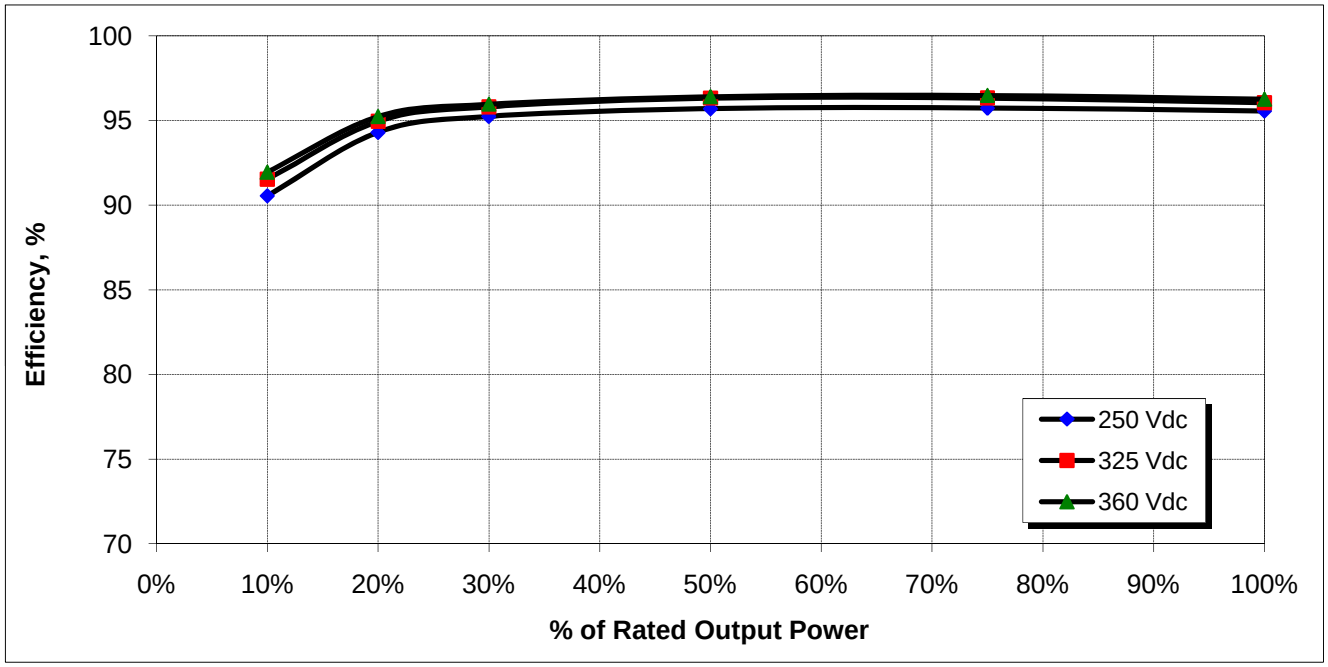
Model #: SLK-4000 (240Vac)

Rated Maximum Continuous Output Power: 3.99 kW Night Tare Loss: 0.25 W

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

		Power Level (%; kW)						
		10%	20%	30%	50%	75%	100%	
Input Voltage (Vdc)		0.40	0.80	1.20	2.00	2.99	3.99	Wtd
Vmin	250	90.6	94.3	95.2	95.7	95.7	95.6	95.4
Vnom	325	91.5	95.0	95.8	96.3	96.3	96.0	96.0
Vmax	360	91.9	95.2	96.0	96.4	96.5	96.3	96.1

CEC Efficiency = 96.0%



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	0.3957	230.63	90.33	0.397	230.52	90.47	0.398	230.29	90.64	0.397	230.83	90.85	0.397	230.56	90.48
20%	Vmin	0.8887	236.83	94.12	0.891	237.3	94.46	0.891	237.36	94.29	0.891	237.11	94.29	0.891	237.01	94.35
30%	Vmin	1.319	239.56	95.35	1.318	239.36	95.21	1.318	239.91	95.20	1.318	239.5	95.18	1.32	239.22	95.25
50%	Vmin	2.2533	247.02	95.68	2.256	246.93	95.69	2.255	246.64	95.70	2.258	245.84	95.69	2.254	246.8	95.72
75%	Vmin	2.8608	245.85	95.78	2.857	245.99	95.72	2.857	246.05	95.72	2.852	246.09	95.66	2.859	246.34	95.80
100%	Vmin	3.8707	247.46	95.56	3.867	247.54	95.62	3.859	247.67	95.52	3.858	247.45	95.54	3.854	247.39	95.54
10%	Vnom	0.3926	291.98	91.35	0.393	292.48	91.53	0.393	292.1	91.30	0.395	291.93	91.92	0.394	292.95	91.54
20%	Vnom	0.9058	300.97	94.89	0.906	301.42	94.92	0.907	300.71	95.04	0.908	300.94	95.08	0.907	300.72	94.82
30%	Vnom	1.3269	306.35	95.76	1.328	307	95.83	1.328	307.13	95.80	1.328	307.06	95.85	1.33	306.67	95.81
50%	Vnom	2.2586	312.38	96.37	2.261	312.04	96.30	2.261	313.06	96.40	2.264	312.81	96.28	2.265	312.6	96.28
75%	Vnom	2.8686	315.04	96.36	2.873	314.82	96.30	2.878	314.49	96.30	2.879	314.87	96.36	2.882	315.16	96.31
100%	Vnom	3.8837	320.43	96.04	3.878	320.55	96.06	3.879	320.12	96.08	3.871	320.52	96.01	3.878	320.47	96.03
10%	Vmax	0.3968	321.61	92.23	0.393	322.29	91.53	0.396	320.84	92.14	0.398	319.6	91.95	0.397	321.76	91.86
20%	Vmax	0.9003	331.25	95.17	0.901	331.37	95.27	0.901	332.31	95.32	0.901	330.37	95.25	0.9	330.63	95.13
30%	Vmax	1.3344	336.65	95.91	1.336	336.62	95.99	1.335	337.91	95.99	1.336	337.03	96.01	1.334	337.3	95.89
50%	Vmax	2.2627	343.5	96.41	2.264	343.09	96.42	2.264	342.9	96.36	2.258	343.77	96.22	2.27	343.01	96.59
75%	Vmax	2.8775	345.36	96.44	2.871	346	96.26	2.883	346.08	96.64	2.888	345.82	96.56	2.889	346.22	96.52
100%	Vmax	3.8948	350.16	96.33	3.876	350.98	96.15	3.894	349.86	96.21	3.9	349.8	96.28	3.898	350.55	96.29

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															