Manufacturer: Powercom Co., Ltd.

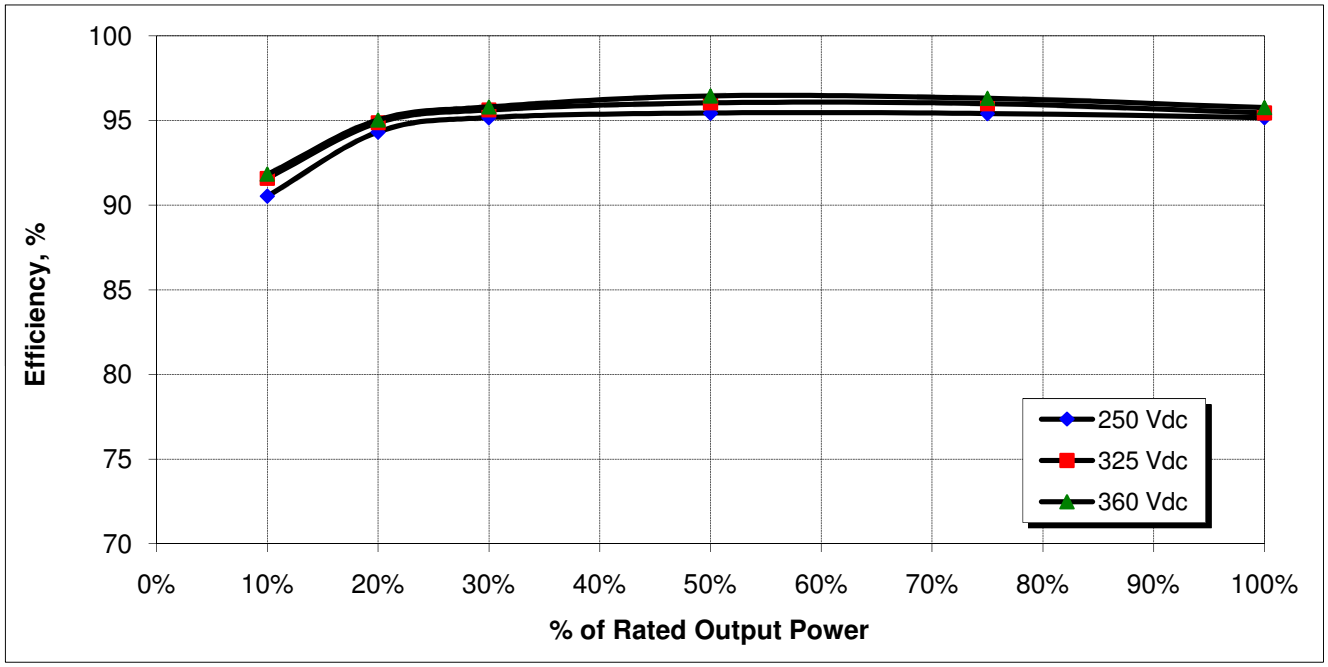
Model #: SLK-4000 (208Vac)

Rated Maximum Continuous Output Power: 3.98 kW Night Tare Loss: 0.18 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	1.19	1.99	2.99	3.98	Wtd
Vmin	250	90.5	94.3	95.2	95.4	95.4	95.2	95.1
Vnom	325	91.6	94.9	95.6	96.0	96.0	95.5	95.7
Vmax	360	91.8	95.0	95.8	96.5	96.3	95.8	96.0

CEC Efficiency = 95.5%



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	0.3946	228.87	90.43	0.395	229.22	90.52	0.393	228.94	90.28	0.395	229.56	90.77	0.395	229.11	90.66
20%	Vmin	0.8917	234.52	94.29	0.893	234.29	94.25	0.895	233.84	94.39	0.894	233.49	94.25	0.894	234.26	94.41
30%	Vmin	1.3175	239.83	95.15	1.319	238.93	95.15	1.318	238.49	95.18	1.316	239.25	95.14	1.32	238.22	95.23
50%	Vmin	2.2275	244.65	95.41	2.227	244.68	95.45	2.23	244.67	95.44	2.231	244.73	95.41	2.232	244.77	95.49
75%	Vmin	2.8371	247	95.44	2.832	246.77	95.43	2.83	246.86	95.36	2.827	247.27	95.34	2.84	247.06	95.48
100%	Vmin	3.8465	248.22	95.15	3.846	248.21	95.18	3.832	247.87	95.20	3.832	247.88	95.15	3.823	248.38	95.13
10%	Vnom	0.3932	291.27	91.52	0.394	290.44	91.40	0.394	289.78	91.63	0.394	290.36	91.70	0.394	292.08	91.64
20%	Vnom	0.8897	298.92	94.87	0.888	298.08	94.86	0.89	297.02	94.87	0.891	298.35	94.91	0.889	298.62	94.81
30%	Vnom	1.3228	303.25	95.43	1.326	303.75	95.65	1.328	304.25	95.73	1.329	304.41	95.66	1.33	304.19	95.66
50%	Vnom	2.2538	312.94	96.05	2.254	313.51	96.06	2.256	313.11	96.09	2.258	313.53	96.00	2.258	313.56	96.04
75%	Vnom	2.862	314.64	96.03	2.864	315.3	95.99	2.868	315.24	95.99	2.867	315.64	95.97	2.867	315.73	96.01
100%	Vnom	3.876	326.01	95.40	3.876	326.1	95.68	3.835	326.16	95.41	3.861	326.15	95.62	3.82	326.11	95.14
10%	Vmax	0.3923	320.25	91.20	0.397	319	91.63	0.397	320.89	92.22	0.399	317.57	91.95	0.397	319.88	92.12
20%	Vmax	0.8901	326.56	95.08	0.891	328.15	95.05	0.889	327.1	95.01	0.891	328.22	95.01	0.892	327.79	95.00
30%	Vmax	1.3274	334.86	96.01	1.325	334.36	95.73	1.326	335.05	95.75	1.325	335.25	95.68	1.328	334.72	95.81
50%	Vmax	2.2436	342.4	96.53	2.254	341.5	96.45	2.258	342.44	96.39	2.247	341.89	96.53	2.259	341.7	96.36
75%	Vmax	2.8454	345.14	96.05	2.844	344.8	95.84	2.845	345.79	95.90	2.834	348.01	97.20	2.873	344.3	96.57
100%	Vmax	3.8609	355.51	95.69	3.847	352.18	95.62	3.855	353.93	95.77	3.864	354.01	95.99	3.818	355.6	95.72

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															