Manufacturer: Powercom Co., Ltd.

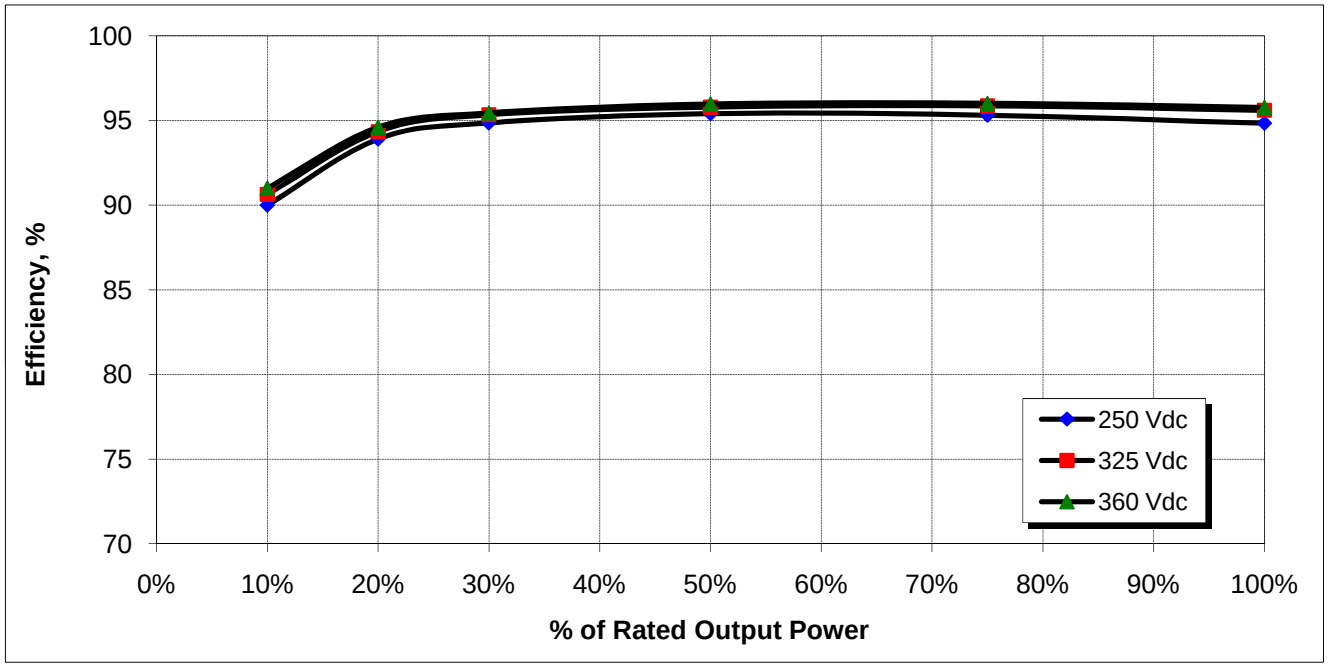
Model #: SLK-3000 (240Vac)

Rated Maximum Continuous Output Power: 3.01 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)		0.30	0.60	0.90	1.51	2.26	3.01	Wtd
Vmin	250	90.0	93.9	94.9	95.4	95.3	94.8	95.0
Vnom	325	90.6	94.3	95.3	95.8	95.9	95.6	95.5
Vmax	360	91.0	94.6	95.4	96.0	96.0	95.8	95.7

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	Input Voltage	Output Power	Input Voltage	Efficiency	Output Power	Input Voltage	Efficiency	Output Power	Input Voltage	Efficiency	Output Power	Input Voltage	Efficiency	Output Power	Input Voltage	Efficiency
(% of rated)	(Vdc)	(kW)	(Vdc)	(%)	(kW)	(Vdc)	(%)	(kW)	(Vdc)	(%)	(kW)	(Vdc)	(%)	(kW)	(Vdc)	(%)
10%	Vmin	0.2887	230.48	90.24	0.288	230.01	89.86	0.289	230.23	90.01	0.288	230.26	90.00	0.288	229.78	89.88
20%	Vmin	0.6595	232.62	93.90	0.658	233.51	93.82	0.659	233.18	93.84	0.659	233.73	94.16	0.659	233.28	93.78
30%	Vmin	0.9883	237.81	94.94	0.987	237.83	94.70	0.989	237.63	94.85	0.991	237.05	94.84	0.99	237.62	94.93
50%	Vmin	1.6671	241.75	95.32	1.67	241.9	95.44	1.667	242.37	95.48	1.669	242.25	95.41	1.67	242.27	95.36
75%	Vmin	2.1286	243.16	95.34	2.129	243.49	95.32	2.131	243.57	95.28	2.129	243.89	95.31	2.13	244.12	95.32
100%	Vmin	2.8637	245.08	94.77	2.865	245.01	94.83	2.864	245.54	94.87	2.87	245.04	94.84	2.862	245.77	94.84
10%	Vnom	0.2898	294.38	90.53	0.291	294.33	90.61	0.29	294.44	90.74	0.291	294.16	90.62	0.29	294.81	90.68
20%	Vnom	0.6631	298.15	94.36	0.663	298.04	94.38	0.663	299.15	94.44	0.66	299.45	94.16	0.663	299.37	94.35
30%	Vnom	0.9835	306.36	95.37	0.983	306.98	95.34	0.984	306.62	95.31	0.987	305.96	95.37	0.985	306.66	95.30
50%	Vnom	1.678	311.33	95.80	1.679	311.61	95.81	1.682	311.48	95.82	1.678	312.05	95.73	1.684	311.27	95.79
75%	Vnom	2.1308	313.51	95.88	2.132	313.72	95.88	2.135	313.97	95.87	2.135	314.21	95.85	2.134	314.5	95.83
100%	Vnom	2.8721	318.16	95.54	2.876	317.79	95.62	2.878	317.4	95.61	2.873	318.13	95.60	2.874	318	95.66
10%	Vmax	0.2894	323.91	90.92	0.29	323.54	90.85	0.29	323.82	91.18	0.29	323.17	91.01	0.29	323.4	91.01
20%	Vmax	0.6639	328.75	94.55	0.664	328.43	94.60	0.664	328.9	94.77	0.662	328.17	94.45	0.663	329.25	94.58
30%	Vmax	0.9873	336.73	95.55	0.988	335.92	95.44	0.986	337.43	95.48	0.988	336.12	95.36	0.989	335.81	95.38
50%	Vmax	1.6748	344.54	95.94	1.676	344.81	96.02	1.674	345.36	95.95	1.672	345.89	95.96	1.676	345.1	95.96
75%	Vmax	2.1298	347.71	96.02	2.132	347.56	95.99	2.132	347.75	96.01	2.134	347.59	96.07	2.132	347.69	95.98
100%	Vmax	2.88	351.20	95.75	2.88	351.93	95.83	2.88	351.26	95.71	2.88	351.50	95.74	2.88	351.68	95.80

Specified		Sample #6			Sample #7			Sample #8			Sample #9			Sample #10		
Output Power	Input Voltage	Output Power	Input Voltage	Efficiency	Output Power	Input Voltage	Efficiency	Output Power	Input Voltage	Efficiency	Output Power	Input Voltage	Efficiency	Output Power	Input Voltage	Efficiency
(% of rated)	(Vdc)	(kW)	(Vdc)	(%)	(kW)	(Vdc)	(%)	(kW)	(Vdc)	(%)	(kW)	(Vdc)	(%)	(kW)	(Vdc)	(%)
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															