Manufacturer: Powercom Co., Ltd.

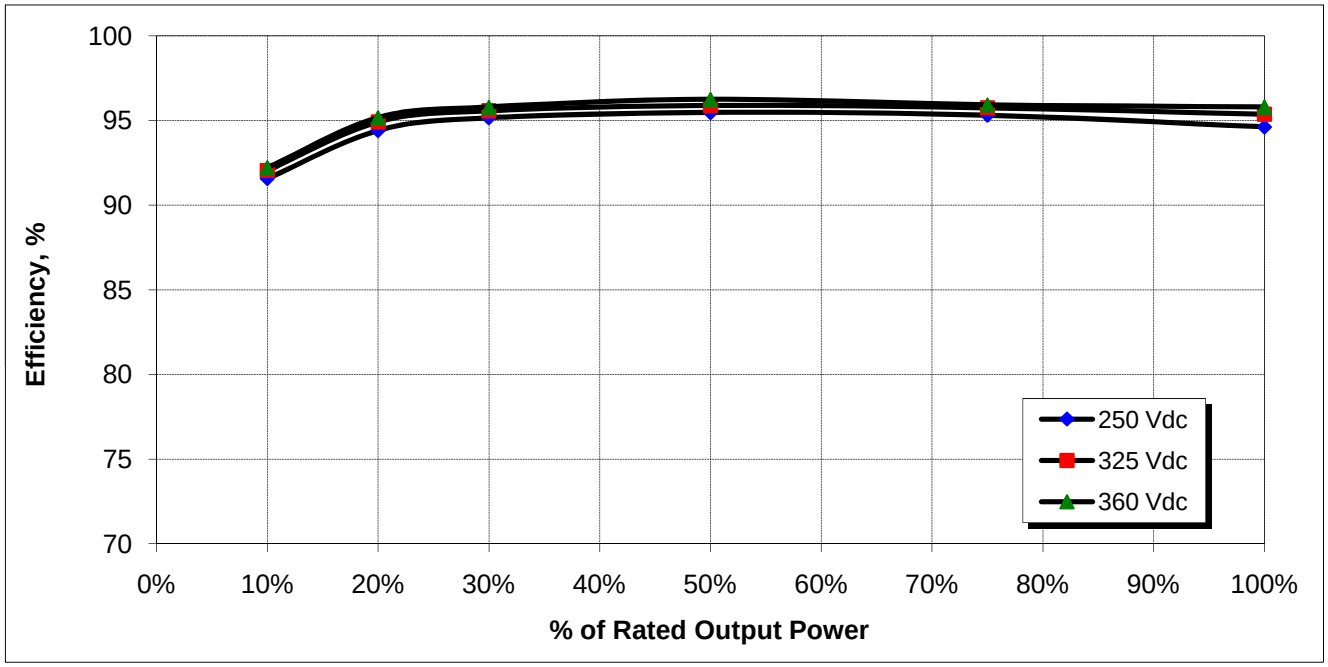
Model #: SLK-3000 (208Vac)

Rated Maximum Continuous Output Power: 3.00 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)		0.30	0.60	0.90	1.50	2.25	3.00	Wtd
Vmin	250	91.6	94.4	95.2	95.5	95.3	94.6	95.1
Vnom	325	92.1	94.9	95.6	95.9	95.8	95.4	95.6
Vmax	360	92.2	95.2	95.8	96.2	95.9	95.8	95.8

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	0.2943	231.2	92.25	0.295	230.85	91.47	0.294	230.97	91.40	0.294	231.02	91.34	0.295	230.9	91.40
20%	Vmin	0.6636	233.73	94.52	0.661	234.27	94.19	0.661	235.58	94.36	0.661	235.96	94.51	0.662	235.15	94.44
30%	Vmin	0.9874	238.21	95.24	0.986	238.72	95.15	0.987	238.22	95.10	0.989	238.07	95.20	0.987	238.23	95.10
50%	Vmin	1.6744	242.69	95.57	1.673	243.22	95.44	1.676	242.67	95.50	1.674	243.09	95.42	1.674	243.32	95.43
75%	Vmin	2.1327	243.39	95.35	2.137	243.42	95.28	2.138	243.76	95.32	2.14	243.72	95.28	2.141	243.96	95.33
100%	Vmin	2.8444	243.06	94.63	2.86	243.53	94.65	2.864	244.13	94.58	2.865	244.88	94.63	2.872	244.68	94.61
10%	Vnom	0.294	294.16	91.96	0.294	295.32	92.03	0.294	295.47	92.10	0.294	295.42	92.08	0.294	295.21	92.08
20%	Vnom	0.6638	297.7	94.94	0.664	299.14	94.91	0.664	297.48	94.85	0.665	299.01	94.93	0.665	298.03	94.96
30%	Vnom	0.9855	304.89	95.35	0.988	305.17	95.68	0.987	305.19	95.60	0.987	305.62	95.57	0.99	305.01	95.69
50%	Vnom	1.678	312.83	95.90	1.681	313.18	96.00	1.681	313.1	95.86	1.682	312.91	95.81	1.682	313.34	95.91
75%	Vnom	2.1267	313.72	95.82	2.134	313.03	95.74	2.138	313.62	95.78	2.137	313.94	95.71	2.139	314.08	95.74
100%	Vnom	2.8663	315.68	95.35	2.864	315.9	95.40	2.859	316.28	95.37	2.866	315.21	95.37	2.868	315.24	95.35
10%	Vmax	0.2946	324.2	91.96	0.296	323.86	92.34	0.296	322.92	92.25	0.296	323.42	92.33	0.296	323.76	92.21
20%	Vmax	0.6677	326.86	95.02	0.671	327.77	95.42	0.67	327.13	95.26	0.669	327.17	95.06	0.67	326.91	95.07
30%	Vmax	0.985	334.36	95.61	0.988	334.68	96.01	0.987	335.25	95.84	0.988	334.84	95.85	0.986	334.33	95.65
50%	Vmax	1.6596	344.93	96.24	1.673	343.99	96.02	1.678	343.9	96.29	1.677	343.36	96.14	1.668	344.71	96.54
75%	Vmax	2.0855	349.91	95.52	2.094	349.29	95.91	2.115	347.91	95.95	2.098	348.67	95.57	2.135	347.91	96.69
100%	Vmax	2.8937	355.73	95.82	2.881	356.18	95.77	2.896	355.83	95.80	2.88	356.43	95.70	2.872	356.78	95.88

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															