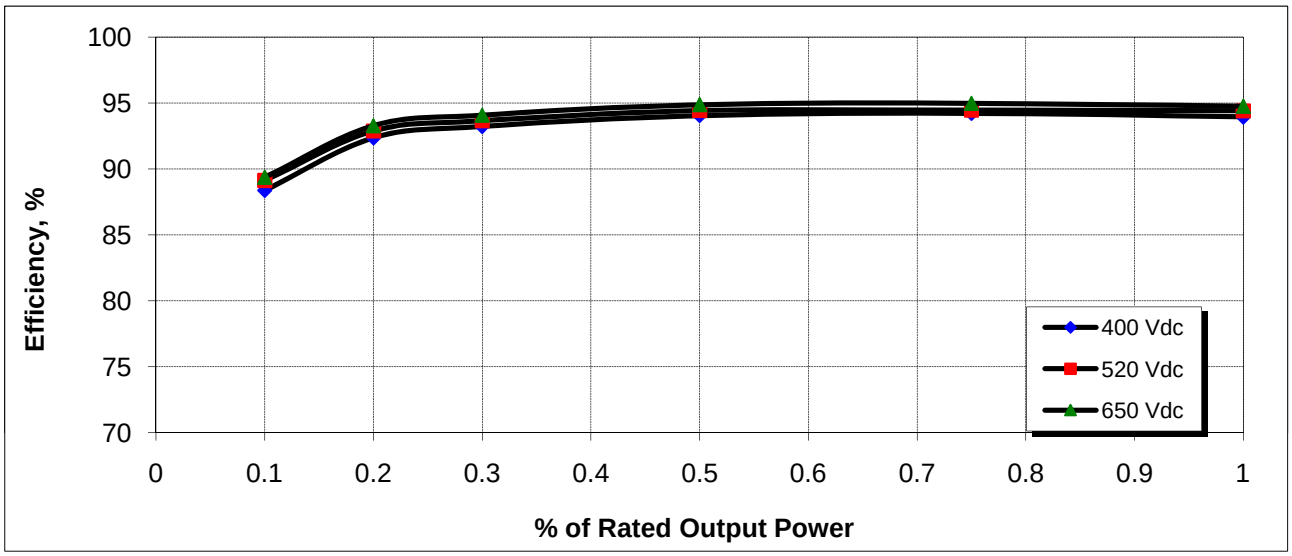
nufacturer: Ningbo Ginlong Technologies Co., Ltd.
Model #: GCI-2K (240 Vac)

Rated Maximum Continuous Output Power: 2.00 kW Night Tare Loss: 6.53 W

Vmin: 400 Vdc Vnom: 520 Vdc Vmax: 650 Vdc

		Power Level (%; kW)						
		10%	20%	30%	50%	75%	100%	
Input Voltage (Vdc)		0.20	0.40	0.60	1.00	1.50	2.00	Wtd
Vmin	400	88.4	92.4	93.2	94.0	94.2	93.9	93.7
Vnom	520	89.1	92.9	93.7	94.4	94.5	94.4	94.1
Vmax	650	89.4	93.3	94.1	94.9	95.0	94.8	94.5

CEC Efficiency = 94.0%



Minimum of 5 samples required

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)	(W)	(Vdc)	(%)	(W)	(Vdc)	(%)	(W)	(Vdc)	(%)	(W)	(Vdc)	(%)	(W)	(Vdc)	(%)
10%	Vmin	192.25	403.94	88.401	192.25	403.94	88.401	192.24	403.94	88.402	192.21	403.94	88.398	192.19	403.94	88.394
20%	Vmin	420.13	403.54	92.356	420.14	403.54	92.357	420.14	403.54	92.356	420.16	403.55	92.358	420.20	403.55	92.361
30%	Vmin	573.97	403.55	93.231	573.95	403.55	93.228	573.96	403.55	93.229	573.94	403.55	93.225	573.94	403.55	93.225
50%	Vmin	977.92	401.06	94.029	977.96	401.06	94.031	977.96	401.06	94.029	977.96	401.07	94.030	977.92	401.07	94.029
75%	Vmin	1456.48	400.84	94.225	1456.49	400.84	94.228	1456.48	400.83	94.229	1456.07	400.84	94.219	1456.49	400.83	94.229
100%	Vmin	1955.69	400.72	93.944	1955.81	400.73	93.935	1955.95	400.74	93.933	1956.09	400.73	93.933	1956.10	400.74	93.930
10%	Vnom	198.49	524.31	89.113	198.52	524.31	89.116	198.54	524.31	89.115	198.59	524.31	89.129	198.59	524.31	89.128
20%	Vnom	423.62	522.69	92.868	423.62	522.69	92.871	423.65	522.69	92.878	423.65	522.69	92.882	423.67	522.69	92.889
30%	Vnom	568.77	521.29	93.664	568.74	521.29	93.664	568.75	521.29	93.662	568.75	521.29	93.661	568.72	521.29	93.656
50%	Vnom	951.94	521.62	94.419	951.95	521.62	94.417	951.95	521.62	94.419	951.94	521.62	94.417	951.97	521.62	94.423
75%	Vnom	1442.99	519.15	94.631	1443.01	519.14	94.632	1443.00	519.14	94.631	1442.98	519.14	94.630	1442.97	519.15	94.630
100%	Vnom	1955.32	521.03	94.405	1955.20	521.03	94.407	1954.94	521.02	94.409	1954.79	521.03	94.407	1954.80	521.03	94.408
10%	Vmax	188.16	652.33	89.360	188.15	652.33	89.352	188.14	652.33	89.364	188.14	652.33	89.375	188.10	652.33	89.383
20%	Vmax	414.92	652.30	93.278	414.87	652.30	93.276	414.88	652.30	93.280	414.88	652.30	93.278	414.89	652.30	93.279
30%	Vmax	572.39	651.28	94.094	572.37	651.28	94.092	572.37	651.28	94.095	572.37	651.28	94.092	572.33	651.28	94.086
50%	Vmax	1014.22	650.72	94.882	1014.18	650.73	94.880	1014.17	650.72	94.879	1014.11	650.73	94.875	1014.12	650.73	94.876
75%	Vmax	1494.38	649.90	94.987	1494.42	649.90	94.989	1494.47	649.90	94.993	1494.46	649.90	94.994	1494.39	649.90	94.990
100%	Vmax	2010.20	650.45	94.752	2009.83	650.45	94.756	2009.77	650.45	94.759	2009.70	650.45	94.758	2009.45	650.45	94.759

Specified		Sample #			Sample #			Sample #			Sample #			Sample #		
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)	(W)	(Vdc)	(%)	(W)	(Vdc)	(%)	(W)	(Vdc)	(%)	(W)	(Vdc)	(%)	(W)	(Vdc)	(%)
10%	Vmin															
20%	Vmin															
30%	Vmin															
50%	Vmin															
75%	Vmin															
100%	Vmin															
10%	Vnom															
20%	Vnom															
50%	Vnom															
75%	Vnom															
100%	Vnom															
10%	Vmax															
20%	Vmax															
30%	Vmax															