



GINLONG

No. 305 Penglai Road,
Xiangshan Demonstration Industrial Estate,
Xiangshan, Ningbo, Zhejiang, 315700, P.R.China
Tel: (+86) 574 6578 1806 Fax: (+86) 574 6578 1606
E-Mail: info@Ginlong.com

Main Specifications

Specifications	
Model	GCI-2K
Nominal Power	2kVA
Recommended Wind Turbine Power (Max)	2kW
DC Power (Max)	$P_{DC,max} = 2.5kW$
DC Input Voltage (Max)	750 V
DC Input Voltage Range	30 V – 750V
Efficiency (Max)	$\eta_{max} > 95\%$
Europe Efficiency (Max)	$\eta_{euro} > 94\%$
Nominal AC Output Power	2kW
Maximum AC Output Power	2.3kW
Operating Range Utility Voltage	200 – 260 V AC
Operating Range Utility Frequency	49 – 51 Hz, 59 – 61 Hz
Total Harmonic Distortion (THD)	$THD_{AC} < 4\%$
Power Factor	> 0.99
Utility monitoring	Islanding protection VAC; fAC in accordance with UL 1741, IEEE929, G83/1, AS 4777
Short circuit protection	Current controlled
Communication Interfaces	RS485
Operation Surroundings Temperature	$-25^{\circ}C \sim +60^{\circ}C$
Operation Surroundings Humidity	0~95%
Size & Weight	Size (w x h x d): (518 x 383 x 117 mm) Weight: 12.7kg
Ingress Protection Waterproof Class	IP54
EMC	EN50081,part1 EN50082,part1
Grid Intererence	EN61000-3-2
Safety	Short circuit protection Protection、 Islanding Protection、Over Heat protection、Over Load Protection、 Grounding Fault Protection

