



GINLONG

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## Main Specifications

Specifications	
Model	GCI-20K
Nominal Power	20kVA
Recommended Wind Turbine Power (Max)	20kW
DC Power (Max)	$P_{DC,max} = 22kW$
DC Input Voltage (Max)	850 V
DC Input Voltage Range	230 V – 750V
Efficiency (Max)	$\eta_{max} > 95\%$
Europe Efficiency (Max)	$\eta_{euro} > 93\%$
Nominal AC Output Power	20kW
Maximum AC Output Power	22kW
Operating Range Utility Voltage	320 – 440 V AC
Operating Range Utility Frequency	49 – 51 Hz
Total Harmonic Distortion (THD)	$THD_{AC} < 4\%$
Power Factor	$> 0.98$
Utility monitoring	Islanding protection VAC; fAC in accordance with UL 1741, IEEE929, G83/1
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): (300 x 600 x 1400 mm) Weight: 250kg
Ingress Protection Waterproof Class	IP31
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

