

# 厂容厂貌

Factory Appearance

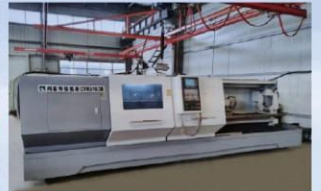
## Cummins Series

Model No.: GF 147C

Voltage: 230V/400V

Frequency: 50 Hz

Power Factor: 0.8





本公司是集研发、制造与销售为一体的专业化发电机和发电机组经营企业，坐落于中国历史文化名城—江苏省扬州市（距上海3小时车程），江都区仙女镇龙川工业园区，临长江、通运河；毗邻扬泰机场、火车站和长途客运中心，交通十分便利。

本公司拥有两个现代化厂区的现代企业，占地近50000平方米，建有国内先进的智能化发电机检测测试中心，现有在职员工150余人。本公司有着丰富的发电机，柴油发电机组生产经验，也有着与世界同步的发电机生产技术，严格按照GB755、GB/T2820-2009国家标准生产的恒通6.5-2000KW无刷发电机、8-3000KW柴油发电机组，年生产能力达到15000台。作为常用或备用电源，产品广泛应用于通信、石油、机场、防空、房地产、酒店、工地、野外勘探等重要领域。公司生产的无刷交流同步发电机可与所有带SAE标准接口的发动机联接，具有功率足、寿命长、重量轻、外形美观等特点，已与国内外200多家发电机组成套企业合作，并深受用户好评。

本公司生产的柴油发电机组，根据客户需要，可选配康明斯（CUMMINS）、珀金斯（PERKINS）、奔驰（MTU）、沃尔沃（VOLVO）、道依茨（DEUTZ）、斗山（DOOSAN）、潍柴动力、上柴、玉柴、无动、里卡多、扬动等众多国际、国内知名品牌柴油发动机。

本公司工艺设备精良、技术力量雄厚，各项技术指标处于领先地位。通过欧盟CE、ISO、CQC等认证。产品出口到菲律宾、越南、新加坡、马来西亚、泰国、乌兹别克斯坦、阿联酋、沙特、西班牙、俄罗斯、立陶宛、尼日利亚、南非、澳大利亚、新西兰、美国、加拿大、智利等80多个国家和地区。2011年取得无刷发电机出口产品质量许可证，这标志着我公司生产的发电机获取了直接出口资格，2014年恒通品牌发电机被认定为“江苏省著名商标”，2017年本公司获得国家高新企业称号，并获得多项专利。

本公司将继续以“客户至上，服务为先”的服务宗旨，为您提供全方位的产品和服务。

## Brief introduction

Our company is a specialized generator business enterprise in integration of the research and development, manufacture and sales, which is located in Longchuan Industrial Park, Jiangdu District, Yangzhou City (famous for its history and culture in China), near to Yangtze River and close by the grand canal, adjacent to the Yangzhou-Taizhou airport, the railway station and bus station, thus make it convenient in communications.

Our company has established intelligent generator inspection & testing center in advanced. Has more than 150 staffs. With the enough production experience in alternator and generator set and also has the equal production technology in the world. "HENG TONG" series 6.5-2000KW AC brushless synchronous generator and 8-3000kw diesel generator set are produced strictly by GB755 and GB/T2820-2009 national standard. The annual production capacity is 15000sets. They are widely used in important fields as telecommunication, petroleum, airport, air defense, real estate, hotel, industrial, filed exploration, etc., to be used as continue power or standby power. The AC brushless generator can be coupled with all the engines equipped with SAE standard interfaces. Which characteristic of abundant power, long service life, light weight and beautiful appearance, have been adopted to more than 200 customers in all of the world. In the meanwhile, as customers' demand, they can choose many global brands and China brands, such as Cummins, Perkins, MTU, Deutz, Doosan, Yuchai, SDEC, Jichai, Wudong, Ricardo, Yangdong, etc. Engine.

For advantaged equipment, high technology, standard workshop and high skilled workers, our company has got CE, ISO, CQC, Classification Society certificates and other honors. Furthermore, Hengtong has professional sales and after-sales service team for domestic and overseas markets. We export generator to Philippines, Vietnam, Singapore, Malaysia, Thailand, Uzbekistan, United Arab Emirates, Saudi Arabia, Spain, Russia, Lithuania, Nigeria, South Africa, Australia, New Zealand, United States, Canada, Chile etc. More than 80 Countries and areas. We got brushless generator and generator set export product quality permit from 2011, it is a sign of our company generator having right to export directly, "HENG TONG" brand was identified as "Jiangsu Famous Brand" in 2014. and our company acquire "National high-tech enterprise" title in 2017.

Under the guidance of the core philosophy "Customer and Service First", Hengtong Generator does provide top quality products and perfect service for all customers.





康明斯柴油机发电机组，坚固可靠，燃油经济，性能优良，全球性的零件服务和技术支持，一直是海内外客户的首选产品。康明斯柴油发电机组功率覆盖面广（200KW-1500KW），作为中国发动机行业最大的外国投资者，康明斯在中国拥有重庆康明斯发电机有限公司（生产M、N和K系列柴油机）及康明斯全球统一的质量标准生产。通过康明斯公司遍布全国的服务网，为用户提供了最快捷的服务保障。

Cummins diesel generator set has many good performances, like toughness, dependability, fuel efficiency. Service, parts, and technical assistance at ports of all around the world. That always is the first choice for customer both home and abroad. The capacity of Cummins diesel generator set has wide spread and power coverage from 200kw to 1500kw. As the largest foreign engine investors of China, Cummins possess Chongqing Cummins Engine Co.,Ltd.( produce M, N, K series engine) and Dongfeng Cummins Engine Co.,Ltd. ( produce B,C,L series engine) and produce CUMMINS engines with globally uniform quality standard. CUMMINS guarantee the most convenience and shortcut service through their service networks countrywide.



## Specification of 185 KVA Generator (Model No.: GF147C)

Technical Data	
Brand:	Cummins
Output Type:	AC, 230/400V, 50Hz, 1500rpm, 3 phase, 4 wire, 0.8 lagging
Prime Power:	148kw/185kva
Standby Power:	160kw/200kva
Output Frequency:	50Hz
Rated Current (A):	268 A
Cooling System:	Water Cooling
Standard Configuration:	<ul style="list-style-type: none"> <li>Cooling Fan with fan guard and front guard</li> <li>Alternator: Single bearing, IP23, H class</li> <li>24V Charger</li> <li>Shock Absorber</li> <li>Dry Air Filter, Fuel Filter, Engine Oil Filter.</li> <li>Deepsea 7320 Automatic System</li> <li>2x 12v Start Battery with connecting cable</li> <li>Storage Battery and battery line, Exhaust pipe, Corrugated pipe for anti-vibration, Cone Tube, Flange, Muffler</li> <li>Enclosure is modular sound attenuated, weather proof, powder coated, lifting arrangement</li> <li>Base integrated fuel tank</li> <li>Anti vibration pad are flexed between engine and alternator</li> <li>Base frame including position for forklift and crane with lift grooves, convenient to lift and move</li> <li>Door handle is lockable type</li> <li>16 hours Continuous Operation</li> </ul>
Frequency drop	≤ 5%
Steady-state frequency band	≤ 1.5%
Steady-state voltage deviation	≤ ± 2.5%
Frequency recovery time	≤ 3s
Voltage recovery time	≤ 4s
Rated Relative humidity	≤ 60%
Weight	2000kg
Dimension	2900*1100*1550 mm
Fuel tank capacity	350L
Noise level	72 dB @ 1 mtr
Protection class	IP23

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## 185 KVA Generator

## Specification of 185 KVA Generator (Model No.: GF147C)

Alternator Parameter	
Brand:	Hengtong
Model:	HTI-148
Excitation:	Single Bearing, Brushless, Self-excitation
Phase:	3 phase
Alternator Type	A.C. Synchronous
Connection:	3 phase 4 wire
Rated Voltage:	230V/400V
Frequency and speed:	50HZ/1500RPM
Poles	4
A.V.R Mode	SX460 Standard
Prime Power:	148kw/185kva
Standby Power	160kw/200kva
Insulation / Temp. rise class:	H/H
Bearing Number:	1
Rated current (minimum)	268A
Efficiency (Minimum)	90%
Power Factor:	0.8
Protection Class:	IP23
Voltage Regulation:	≤±1%
Tel. Harmonic Factor THF:	≤2%
Tel. Influence Factor TIF:	≤50
Altitude Condition:	≤1000M
Others:	circuit breaker, AVR
Waveform Distortion	no load ≤ 1.5% :Non-distorting balanced linear load ≤ 5%



# Cummins

## 重庆康明斯系列

CCEC-Cummins Series

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### Specification of 185 KVA Generator (Model No.: GF147C)

Engine Parameter	
Brand	Cummins
Engine Model:	GCTA8.3-G2
Fuel	Diesel
Output Type:	1500rpm 24V Electricity Starting
Aspiration:	Turbo-changed
Governor/Class	ECU electronic governor
Cycle	Four stroke
Type of injection	Direct injection
Cooling mode	Water cooled
Bore and stroke	114 x 135 mm
Compression ratio	17.3:1
Displacement	8.3 ltrs
Engine Prime Power	163 KW
Engine standby power	180 KW
Lubricating oil capacity	23.8 ltrs
Coolant Capacity	30 ltrs
Fuel Type	Diesel
Filter system	Lubricating oil filter, fuel filter and air filter
Exhaust system	Industrial high efficiency silencer and flexible bellows
Cylinders:	6
Bore and Stroke	120*145mm
Fuel System at 100% load	195g/kwh
Vibration damper	each foot has Shock Absorber; Load Range: 1000-1100kgf; damping ratio: 0.8C/Cc; working temperature: -40 to +70°C
Others:	Storage Battery and battery line & battery charger, Exhaust pipe, Corrugated pipe for anti-vibration, Cone Tube, Flange, Muffler



## 重庆康明斯系列

CCEC-Cummins Series

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### Deepsea 7320

## Specification of 185 KVA Generator (Model No.: GF147C)

Control System	
Cooling Method:	water radiator, belt drive cooling fan with fan shield
General Features	exhaust muffler, starter battery, fittings, operators and service manual, etc.
Digital Display	Mains and generator voltage
	3-phase generator current
	Mains and generator frequency
	Output (kva, Kw,kvar,cos(phi))
	Battery Voltage
	Engine Speed
	Fuel level
	Oil pressure
	Water Temperature
	Run Hours
Warnings (W) and shutdown alarm (S)	Low oil pressure (W+S)
	Coolant over temperature (W+S)
	Failed start (W)
	Battery over and under voltage (W)
	Battery charge failure (W)
	Engine over and under speed (W+S)
	Generator over and under voltage (W+S)
	Generator over and Under frequency (W+S)
	KW overload trip (W)
	Delayed over current (W)
	Emergency stop (W)
Panel Configuration	Automatic Control Module x1 Deepsea 7320
	Emergency Stop button x1
	AC main circuit breaker x 1



# 证书资质

Certificate qualification



江苏省工业和信息化厅 江苏省发展和改革委员会  
江苏省科学技术厅 江苏省财政厅  
国家税务总局江苏省税务局 中华人民共和国南京海关



## 公司资质证书

- 营业执照
- 省企业技术中心
- ISO体系认证
- 专利证书
- 安全生产标准化
- 计量保证确认证书
- 标准化良好行为认证
- 电机CE认证
- 机组CE认证



## 柴油机授权书

- 康明斯柴油机授权书
- 玉柴柴油机授权书
- 潍柴柴油机授权书
- 上柴柴油机授权书
- 道依茨柴油机授权书







# 经典案例

Classic Cases



应用单位：山西新升煤业公司  
 用户类型：煤矿企业  
 机组类型：高压发电机组  
 品 牌：玉柴  
 详情描述：山西新升煤矿公司采购了一台 2000KW、10KV 的高压发电机组，作为备用电源，在矿上停电时，连续作业长达 20 天，为煤矿公司提供了优质的电力保障。



应用单位：中国十九冶集团有限公司  
 用户类型：房屋建筑业  
 机组类型：全自动型柴油发电机组  
 品 牌：上柴  
 详情描述：中国十九冶集团采购了一 500KW 全自动型柴油发电机组，作为工地常用电源，为生产施工提供了强大的电力支持。



应用单位：南非某矿山企业  
 用户类型：矿山企业  
 机组类型：静音型柴油发电机组  
 品 牌：潍柴  
 详情描述：采购了多台 50KW, 200KW 柴油发电机组，作为主用电源和备用电源，50KW 发电机组在矿上没有电时，负责宿舍生活用电；200KW 等大功率发电机组用于矿区开矿，作为主用电源使用，保证矿区生产正常进行。



应用单位：斯里兰卡中国建设工地  
 用户类型：建筑企业  
 机组类型：并机型柴油发电机组  
 品 牌：康明斯  
 详情描述：采购了 2 台 800KW 柴油发电机组，作为主用电源。2 台发电机组需要并网使用，总功率可达到 1600KW，保证建筑工地生产用电正常进行。



应用单位：河南五建建设集团有限公司  
 用户类型：房屋建筑业  
 机组类型：静音并机型柴油发电机组  
 品 牌：康明斯  
 详情描述：河南五建集团采购了三台 850KW 集装箱型柴油发电机组，售后保障人员进行并网运行，总功率可达到 2500KW，为河南地区防洪防汛提供了安全保障。



应用单位：长安汽车  
 用户类型：制造业  
 机组类型：开架型柴油发电机组  
 品 牌：上柴  
 详情描述：重庆长安采购了一台 500KW 柴油发电机组，用于长安汽车企业计算机控制房的备用电源，为汽车生产安全提供了一份电力保障。