



**BenefitAll Supply Chain
(Shandong) Co.,Ltd.**



BenefitAll Power Generator

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**Specialized in Diesel
and Gas Generator
Production**

**Committed to
provide the best cost-
effectiveness**



Diesel engine POWER

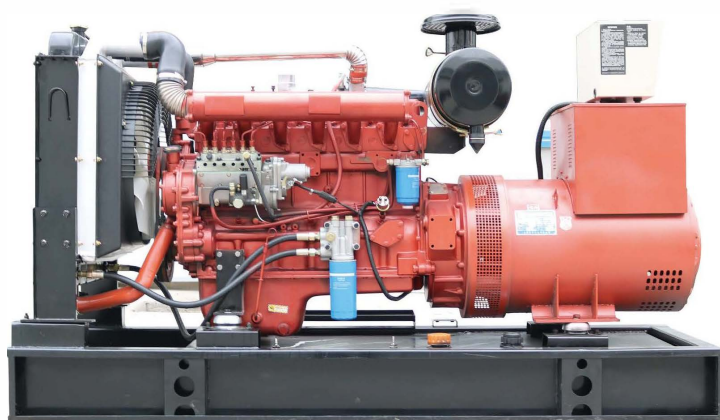
INTRODUCTION

BenefitAll Supply Chain (Shandong) Co., Ltd. is a professional designer and manufacturer and dealer of *Diesel Power Generators, Gas Power Generators* and all related spare parts and accessories .

We produce engines and motors of our own brands . We use globally-recognized engine brands such *Cummins, Perkins , Weichai, Jichai, Yuchai, Shangchai, Volvo, Benz* etc. as well to better satisfy the different demand in different countries and regions .

We can produce big and small generators from 5 kw - 3000 kw .

We are committed to only one goal : *To provide the best cost-effectiveness (Good quality with best price !)*



主要技术参数

MAIN TECHNICAL PARAMETERS

机组型号 Gensett model	柴油机型号 Diesel engine model	标准 功率 Standard power	额定 电流 Rated current	额定输出 电压 Rated output Voltage	额定 频率 Rated frequency	额定 转速 Rated speed	型式 Type	汽缸数 Cylinders	缸径 × 行程 (mm) Bore × stroke	机组重量 Unit weight	长 × 宽 × 高 (cm) Long x wide x high
BJ-W30GF	K4100D	30.1	54A	400V/230V	50Hz	1500rpm	直列、四冲程, 水冷, 直喷	4	100 × 115	500kg	170*70*110
BJ-W40GF	K4100ZD	41	72A	400V/230V	50Hz	1500rpm	直列、四冲程, 水冷, 直喷	4	100 × 115	540kg	170*70*110
BJ-W50GF	ZH4105ZD	55	90A	400V/230V	50Hz	1500rpm	直列、四冲程, 水冷, 直喷	4	105 × 125	600kg	180*70*115
BJ-W50GF	R4105ZD	56	90A	400V/230V	50Hz	1500rpm	直列、四冲程, 水冷, 直喷	4	105 × 125	600kg	180*70*115
BJ-W75GF	R6105ZD	85	135A	400V/230V	50Hz	1500rpm	直列、四冲程, 水冷, 直喷	6	105 × 130	900kg	234*75*130
BJ-W100GF	R6105AZLD	121	180A	400V/230V	50Hz	1500rpm	直列、四冲程, 水冷, 直喷	6	105 × 130	1000kg	234*75*130
BJ-W120GF	R6105ZLD	132	216A	400V/230V	50Hz	1500rpm	直列、四冲程, 水冷, 直喷	6	105 × 135	1100kg	234*75*130
BJ-W150GF	R6105ZLD大泵	151	270A	400V/230V	50Hz	1500rpm	直列、四冲程, 水冷, 直喷	6	105 × 135	1150kg	234*75*130
BJ-W150GF	R6110ZLD	155	270A	400V/230V	50Hz	1500rpm	直列、四冲程, 水冷, 直喷	6	110 × 135	1150kg	234*75*130
BJ-W200GF	6126ZLD	206	360A	400V/230V	50Hz	1500rpm	直列、四冲程, 水冷, 直喷	6	126 × 150	1800kg	290*95*150
BJ-W250GF	6126ZLD1	256	450A	400V/230V	50Hz	1500rpm	直列、四冲程, 水冷, 直喷	6	126 × 150	1800kg	290*95*150
BJ-W300GF	6126ZLD2	308	540A	400V/230V	50Hz	1500rpm	直列、四冲程, 水冷, 直喷	6	126 × 165	1900kg	290*95*150
BJ-W400GF	6126ZLD3	408	720A	400V/230V	50Hz	1500rpm	直列、四冲程, 水冷, 直喷	6	126 × 167.5	2000kg	300*110*160



白金系列柴油发电机组特点

白金系列柴油发电机组采用100、105、110、126系列柴油发动机，四冲程、水冷、直列，具有良好的动力性、经济性、环保性及起动力，同时也具有低排放、低能耗、可靠性能高、扭矩大、维修方便等优点，备受国内外用户青睐。市场占有率大，配件通用性强！

BOJINSI POWER SERIES DIESEL GENERATOR SETS

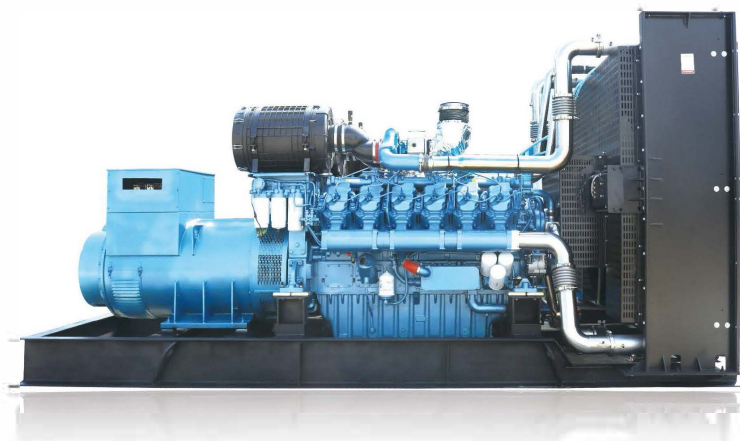
Bojinsi power series diesel generator sets adopt 100, 105, 110, 126 series diesel engine, four-stroke, water-cooling, in-line, with good power, economy, environmental protection and starting performance, also has the advantages of low emission, low energy consumption, high reliability, large torque, and easy maintenance, greatly favored by domestic and foreign users. Market occupancy is large, and accessories are versatile!



特点 Characteristics

- ◆ 机组类型丰富：有静音机组、开架机组、电站拖车等多种类型，使用范围广泛；
- ◆ 故障率低；
- ◆ 燃油耗低；
- ◆ 采用国内通用冷却系统，适配性高。
- ◆ Various types: open sets, silent units, mobile generators etc;
- ◆ Low failure rate;
- ◆ Low fuel consumption;
- ◆ High adaptability by using of general cooling system in china.





主要技术参数

MAIN TECHNICAL PARAMETERS

机组型号 Gensets model	机组功率KW Gensets power	配套柴油机型号 Matching Diesel Engine Model	额定功率kw/转速r/min Rated power(KW)/speed	缸数*缸径*行程 Number*Bore*stroke	机油容量L Oil capacity	排量L Displacement	外形尺寸mm L*W*H	重量/Kg Net weight
BJ-20GF	20	WP2.3D25E200	25/1500	4*89*92	11	2.3	1600*760*1150	616
BJ-30GF	30	WP2.3D33E200	33/1500	4*89*92	11	2.3	1680*760*1150	676
BJ-40GF	40	WP2.3D48E200	48/1500	4*89*92	11	2.3	1720*760*7351	720
BJ-50GF	50	WP4.3D61E200	61/1500	4*108*118	11	4.3	1860*740*1374	770
	50	WP4D66E200	66/1500	4*105*130	10	4.5	1950*950*1340	1055
BJ-80GF	80	WP4D100E200	100/1500	4*105*130	10	4.5	2120*920*1340	1230
BJ-100GF	100	WP6D132E200	132/1500	6*105*130	18	6.8	2470*930*1440	1490
BJ-150GF	150	WP6D152E200	152/1500	6*105*130	18	6.8	2858*1167*1750	1882
BJ-200GF	200	WP10D200E200	200/1500	6*126*130	23	9.7	2858*1167*1750	2072
BJ-250GF	250	WP10D264E200	264/1500	6*126*130	24	9.7	2980*1200*1855	2386
BJ-300GF	300	WP10D320E200	320/1500	6*126*130	36	9.7	3040*1240*1680	2720
	300	WP12D317E200	317/1500	6*126*155	36	11.6	3040*1240*1815	2801
BJ-350GF	350	WP13D408E200	408/1500	6*127*165	36	12.5	3750*1365*1929	4200
BJ-400GF	400	6M26D447E200	447/1500	6*150*150	50	15.9	3750*1510*1842	4500
BJ-450GF	450	6M26D484E200	484/1500	6*150*185	50	15.9	3740*1600*2075	4930
BJ-500GF	500	6M33D572E200	572/1500	6*150*185	60.5	19.6	3810*1600*2075	4980
BJ-600GF	600	6M33D633E200	633/1500	6*150*185	60.5	19.6	4310*1730*2205	6850
BJ-700GF	700	12M26D748E200	748/1500	12*150*150	113	31.8	4340*1992*2314	7200
BJ-800GF	800	12M26D902E200	902/1500	12*150*150	113	31.8	4500*2100*2500	7360
BJ-900GF	900	12M26D968E200	968/1500	12*150*150	113	31.8	4650*2194*2410	7900
BJ-1000GF	1000	12M33D1108E200	1108/1500	12*150*185	146	39.2	4750*2194*2408	8200
BJ-1200GF	1200	12M33D1320E200	1320/1500	12*150*185	146	39.2	4750*2194*2408	8500



潍柴系列柴油发电机组

潍柴系列柴油发电机组的发动机采用潍柴股份有限公司生产的四冲程工业用水冷柴油机。该机组采用模块设计，机构紧凑，控制系统电压为24VDC，采用旋装柴油、机油滤清器、干式空气滤清器。具有良好的动力性、经济性、可靠性，零件通用性高，易于更换，维修方便。（可制作成低噪音型发电机组）



WEICHAI SERIES DIESEL GENERATOR SETS

Weichai series diesel generator sets are equipped with water-cooling four-stroke industrial diesel engines produced by Weichai Power Company Limited. The gensets use modular design, compact structure, the voltage of control system is 24VDC, and equipped with diesel and oil spin-on filter and dry air filter. They have good power, economy, reliability, the parts are versatile, easy to replace and easy maintenance. (They can be made into low noise generator sets.)

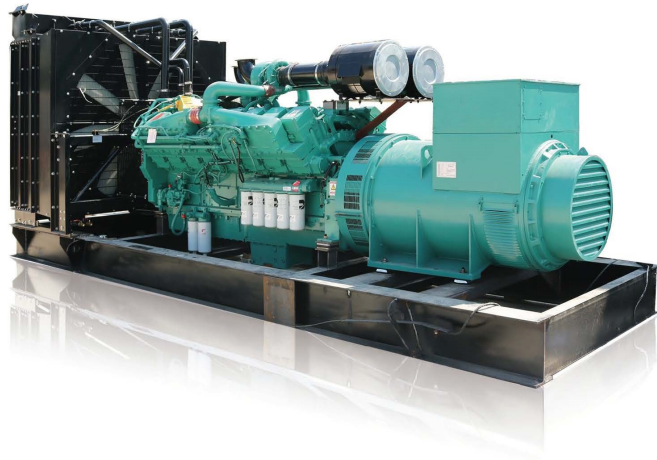


应用领域 Application Area

◆潍柴陆用柴油发电机组应用广泛，可在工厂、钻探、铁路、鱼牧林业等行业中作为动力或照明电源；可作为通讯广播、防汛抗旱、工程建设等方面的移动电源；也可以在医院、酒店、学校等公共场所作为应急电源。潍柴陆用柴油发电机组，目前在国防、航运、电信、石油、高原作业、矿物开采等领域已经有大量使用。

◆Weichai continental diesel generator set is widely used, can be used as power or lighting source in factories, drilling, railway, fishery animal husbandry and forestry industry; can be used as mobile power in communication radio, flood control and drought relief, and engineering construction; also can be used as emergency power supply in public places such as hospitals, hotels and schools. Weichai continental diesel generator sets are now widely used in the national defense, transportation, telecommunication, petroleum, plateau operation, mining, etc.





主要技术参数

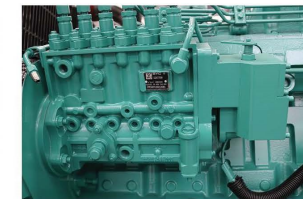
MAIN TECHNICAL PARAMETERS

机组型号 Gensets model	机组功率KW Gensets power	配套柴油机型号 Matching Diesel Engine Model	额定功率kw/转速rpm Rated power/speed	缸数*缸径*行程mm Number*Bore*stroke	机油容量L Oil capacity	排量L Displacement	外形尺寸mm L*W*H	重量/Kg Net weight
BJ -30GF	30	4BT3.9-G1	36/1500	4*102*120	11	3.92	1800*700*1200	700
BJ -50GF	50	4BTA3.9-G2	50/1500	4*102*120	11	3.92	2000*750*1300	800
BJ -100GF	100	6BTA5.9-G2	120/1500	6*102*120	16.4	5.88	2300*850*1400	1200
BJ -150GF	150	6CTA8.3-G2	163/1500	6*114*135	27.6	8.27	2300*850*1400	1400
BJ -200GF	200	6CTAA8.9-G2	220/1500	6*114*135	27.6	8.26	3010*1000*1700	2600
BJ -250GF	250	MTAA11-G3	265/1500	6*125*147	34	10.82	3010*1000*1700	2600
BJ -300GF	300	NTA855-G2	313/1500	6*140*152	36.7	14.03	3010*1000*1700	2800
BJ -350GF	350	6ZTAA13-G2	390/1500	6*130*163	45.42	12.97	3328*1150*1670	4200
BJ -400GF	400	KTA19-G3A	448/1500	6*159*159	50	18.93	3300*1150*1700	4600
BJ -450GF	450	KTAA19-G5	504/1500	6*159*159	50	18.93	3500*1420*2220	5000
BJ -500GF	500	KTA19-G6	518/1500	6*159*159	50	18.93	3500*1420*2220	5500
BJ -600GF	600	KTA38-G2	665/1500	12*159*159	135	37.87	4500*1700*2400	8000
BJ -650GF	650	KTA38-G2B	711/1500	12*159*159	135	37.87	4500*1700*2400	8000
BJ -800GF	800	KTA38-G5	881/1500	12*159*159	135	37.87	4700*1800*2500	9500
BJ -900GF	900	KTA38-G9	990/1500	12*159*159	135	37.87	4850*1850*2500	9400
BJ -1000GF	1000	KTA50-G3	1115/1500	16*159*159	177	50.49	4950*2080*2560	10120
BJ -1200GF	1200	KTA50-GS8	1287/1500	16*159*159	204	50.49	5400*2195*2560	10600



特点 Characteristics

- ◆ 1、大部分装有该公司特有的PT燃油系统（B、C系列除外）。
 - ◆ 2、都采用 ω 燃烧室。
 - ◆ 3、凸轮从动件都是滚轮式。
 - ◆ 4、燃油及机油通道绝大部分都钻在缸体及缸盖内。
 - ◆ 5、湿式汽缸套，汽缸套经磷化处理。
 - ◆ 6、曲轴用合金钢锻造，轴颈感应淬火。
- ◆ 1. Most equipped the PT fuel system (except series B and C) owned by Cummins.
 - ◆ 2. Omega combustion chambers are used.
 - ◆ 3. The cam followers are all roller type.
 - ◆ 4. The majority of fuel and oil channels drilled inside of the cylinder block and cylinder head.
 - ◆ 5. Wet cylinder sleeve with phosphate treatment.
 - ◆ 6. The crankshaft is forged with alloy steel, and the shaft neck is induction hardening.



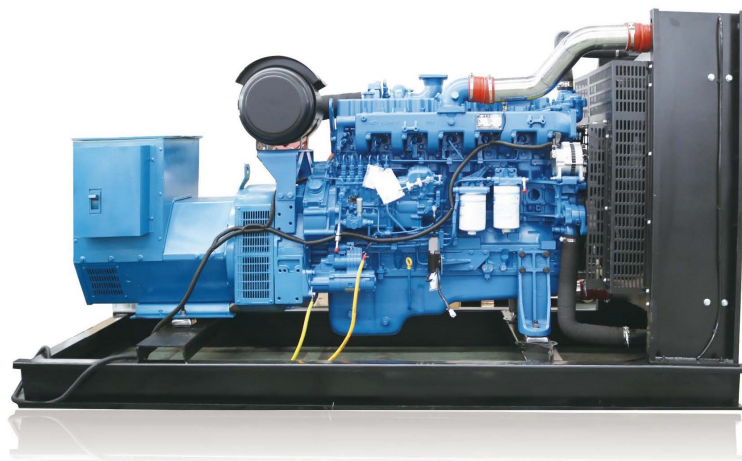
康明斯系列柴油发电机组

康明斯柴油发电机组选用东风/重庆康明斯发动机，可靠性较高，易于维修保养，持续运行时间长，具有超长的在线时间等优点，赢得了港口、铁路、工矿企业等行业用户的钟爱。作为中国发动机行业最大的外国投资者，康明斯在中国拥有东风康明斯发动机有限公司（生产B、C和L系列）及重庆康明斯发动机有限公司（生产M、N和K系列）等制造企业，并以康明斯全球统一的质量标准生产。康明斯公司全球服务网，为客户提供可以信赖的服务保障。



CUMMINS SERIES DIESEL GENERATOR SETS

Cummins diesel generator sets use the Dongfeng or Chongqing Cummins engines, high reliability, easy maintenance, long continuous running time, and long working time, they have won the love of users in port, railway, mining and other industries. As the largest foreign investor in China engine industry, Cummins owns Dongfeng Cummins Engines Co., Ltd (produce series B, C and L) and Chongqing Cummins Engines Co., Ltd (produce series M, N and K) and other manufacturing enterprises, they produce by Cummins global unified quality standard. Cummins global service network provides customers with reliable service.



玉柴系列柴油发电机组

玉柴柴油发电机组——玉柴前身“玉林泉塘工业社”于1951年成立。1992年，企业完成股份制改造，成立广西玉柴机器股份有限公司。1993年实行中外合资股份制改造，成为中国首家中外合资股份制企业。1994年，中国玉柴国际股票在美国纽约主板上市（股票代码NYSE: CYD），是国内行业首家在境外上市的企业。公司总部位于广西玉林市，以“中国绿色动力之都”著称。



YUCHAI SERIES DIESEL GENERATOR SETS

Yuchai diesel generator set – Yuchai predecessor “Yulin Quantang Industrial Company” was established in 1951. In 1992, the company completed the shareholding reform and established Guangxi Yuchai Machinery Corporation Limited. In 1993, the shareholding reform of sino-foreign joint venture was completed, it became the first Sino-Foreign Joint Stock Co., Ltd. In 1994, China Yuchai international stocks were listed on the main board in New York (Stock Code NYSE: CYD), is the first oversea listed company in the domestic industry. The headquarter is located in Yulin, Guangxi, known as “China’s Green Power Capital”.



主要技术参数

MAIN TECHNICAL PARAMETERS

机组型号 Gensets model	机组功率 Gensets power	配套柴油机型号 Matching Diesel Engine Model	额定功率kw/转速 rpm Rated power/speed	缸数*缸径*行程mm Number*Bore*stroke e	机油容量L Oil capacity	排量L Displacement	外形尺寸mm L*W*H	重量/Kg Net weight
BJ -40GF	40	YC4D60-D21	44/1500	4*108*115	11	4.21	1900*750*1200	800
BJ -50GF	50	YC4D85Z-D20	60.5/1500	4*108*115	11	4.21	1900*750*1400	860
BJ -100GF	100	YC6B155L-D21	113/1500	6*108*125	17	6.87	2400*850*1450	1200
BJ -150GF	150	YC6A230L-D20	170.5/1500	6*108*132	22	7.25	2500*880*1500	1500
BJ -200GF	200	YC6MK350L-D20	258.5/1500	6*123*145	28	10.33	3000*1100*1800	2300
BJ -250GF	250	YC6MK420L-D20	281/1500	6*123*145	28	10.34	3000*1100*1800	2300
BJ -300GF	300	YC6MJ480L-D20	352/1500	6*123*145	28	12.16	3200*1100*1800	2500
BJ -350GF	350	YC6T550L-D21	405/1500	6*129*155	28	12.16	3200*1150*1800	2650
BJ -400GF	400	YC6T660L-D20	485/1500	6*145*165	52	16.35	3600*1250*1900	3300
BJ -450GF	450	YC6T700L-D20	515/1500	6*145*165	52	16.35	3600*1300*1900	3500
BJ -500GF	500	YC6TD780L-D20	572/1500	6*152*180	52	19.60	3600*1300*1900	3600
BJ -550GF	550	YC6TD840L-D20	616/1500	6*152*180	60	19.60	3600*1100*1900	3700
BJ -650GF	650	YC6C1020L-D20	748/1500	6*200*210	180	39.58	4500*1600*2400	6100
BJ -700GF	700	YC6C1070L-D20	787/1500	6*200*210	180	39.58	4500*1600*2400	6300
BJ -800GF	800	YC6C1320-D31	880/1500	6*200*210	180	39.58	4600*1600*2400	6800
BJ -1000GF	1000	YC6C1520L-D20	1100/1500	6*200*210	180	39.58	4800*1800*2400	7800
BJ -1200GF	1200	YC12VC1680-D31	1230/1500	12*200*210	180	39.58	4800*1800*2400	8800



特点 Characteristics

- ◆ 1、玉柴生产柴油发电机组已有40多年的历史，产品广泛用于军用、民用、船用等领域；
- ◆ 2、玉柴发电机组产品所配套动力全部采用玉柴自行生产的优质柴油机；
- ◆ 3、可根据用户的不同需求提供能进行远程计算机遥控、并车、故障自动保护等不同功能的产品；
- ◆ 4、产品质量全面达到或超过国家有关标准；
- ◆ 5、震动小噪声低可靠性高；
- ◆ 6、14个月或1500小时的三包期为全国最长；

- ◆ 1. With more than 40 years' history, the products of Yuchai are widely used in military, civil, marine, etc.
- ◆ 2. The supporting power of Yuchai generator sets totally use the high-quality diesel engines produced by Yuchai.
- ◆ 3. According to the different needs of users, there are different products with different functions, such as remote control with remote computer, parallel operation, automatic fail-safe protection, etc.
- ◆ 4. The quality of products has reached and exceeded the relevant national standards.
- ◆ 5. Low vibration, low noise and high reliability.
- ◆ 6. 3-Aspect-Warranty period is 14 months or 1500 hours.



上柴系列柴油发电机组

上柴系列柴油发电机组，该系列机组的发动机为上海柴油机股份有限公司制造生产的工业水冷柴油机，控制系统的工作电压为24VDC，采用旋转柴油、机油滤清器、干式空气滤清器、结构紧凑功率大、性能可靠、可制作低噪音型发电机组。



SHANGCHAI SERIES DIESEL GENERATOR SETS

Shangchai diesel generator sets use the water-cooling industrial engine produced by Shanghai diesel engine co. LTD., the working voltage of control system is 24VDC,



主要技术参数

MAIN TECHNICAL PARAMETERS

机组型号 Gensets model	机组功率KW Gensets power	配套柴油机型号 Matching Diesel Engine Model	额定功率kw/转速 rpm Rated power/speed	缸数*缸径*行程mm Number*Bore*stroke	机油容量L Oil capacity	排量L Displacement	外形尺寸mm L*W*H	重量/Kg Net weight
BJ -50GF	50	SC4H95D2	55/1500	4*105*124	15	4.30	1618*766*1160	849
BJ -80GF	80	SC4H160D2	88/1500	4*105*124	15	4.30	1748*766*1160	1064
BJ -100GF	100	SC4H180D2	110/1500	4*105*124	15	4.30	1757*766*1160	1080
BJ -120GF	120	SC7H230D2	132/1500	6*105*124	20	6.50	1988*785*1312	1323
BJ -150GF	150	SC7H250D2	165/1500	6*105*124	20	6.50	1988*785*1312	1445
BJ -160GF	160	SC8D280D2	185/1500	6*114*135	22	8.27	2515*980*1500	1520
BJ -200GF	200	SC9D340D2	228/1500	6*114*144	27	8.82	2706*1040*1486	1750
BJ -250GF	250	SC13G420D2	275/1500	6*135*150	33	12.88	3156*1230*1674	2850
BJ -300GF	300	SC15G500D2	330/1500	6*135*165	33	14.16	3156*1230*1674	2970
BJ -400GF	400	SC25G690D2	440/1500	12*135*150	65	25.8	3650*1700*2050	4300
BJ -500GF	500	SC27G830D2	550/1500	12*135*155	65	26.60	3650*1700*2050	4880
BJ -600GF	600	SC33W990D2	660/1500	6*180*215	75	32.80	4050*1660*1900	6040
BJ -800GF	800	SC33W1150D2	880/1500	6*180*215	75	32.80	1430*1660*2070	8150



特点 Characteristics

- ◆1、整体式曲轴、龙门式机体、平切口连杆、短活塞，外形紧凑合理，配套适应性强；
 - ◆2、采用新型缩口燃烧室，提高喷油压力，改善燃烧过程，达到环保指标：排气污染物排放值符合要求；
 - ◆3、润滑、冷却系统优化设计，减少外接管路和零部件数量，用整体无刷交流发电机等使三漏大为改善，可靠性大大加强。
 - ◆4、具有强的高原工作能力，在海拔5000m高原地区使用，功率降低于3%。
- ◆1. Integral crankshaft, Longmen style body, flat cut connecting rod, short piston, compact and reasonable shape, high adaptability.
 - ◆2. A new type of necking combustor is adopted to increase the injection pressure and improve the combustion



主要技术参数

MAIN TECHNICAL PARAMETERS

机组型号 Gensets model	机组功率 Gensets power	配套柴油机型号 Matching Diesel Engine Model	额定功率kw/转速rpm Rated power(KW)/speed	缸数*缸径*行程mm Number*Bore*stroke	排量L Displacement	外形尺寸mm L*W*H	重量/Kg Net weight
BJ -5GF	5	R180	5/2600	1*80*80mm	0.402	700 *400*600	100
BJ -10GF	10	ZS1100	10/2200	1*100*115	0.903	1550*600*580	230
BJ -15GF	15	ZS1115	15/2200	1*115*115	1.194	1550*600*580	300
BJ -20GF	20	L28	20/2200	1*125*120	1.472	1600*600*600	300
BJ -23GF	23	L32	23/2200	1*130*125	1.658	1700*1000*1000	400



常柴系列柴油发电机组

常柴股份有限公司是具有百多年历史的民族工业企业，是中国最早的内燃机专业制造商之一，采用国家环保部认可的高压共轨、电控单体泵、电控VE泵三种先进技术路线在行业内成功推出非道路国Ⅲ、国Ⅳ电控柴油机及车用国Ⅴ柴油机，形成了多系列、多品种机型。



CHANGCHAI SERIES DIESEL GENERATOR SETS

Changchai Co., Ltd. is a national industrial enterprise with a history of more than 100 years. It is one of the earliest professional manufacturers of internal combustion engines in China. It has successfully launched non-road country III, country IV electronic controlled diesel engines and vehicles in the industry by adopting three advanced technical routes: high-pressure common rail, electronic controlled monomer pump and electronic controlled VE pump approved by the Ministry of Environmental Protection of China. V diesel engine of China has formed many series and varieties.



特点 Characteristics

- ◆1、由于单缸机结构简单，和同排量的多缸机相比，具有重量轻，结构尺寸小的特点，采用单缸机有利于减轻整车的重量，所以也提高了整车操控的灵活性
- ◆2、当采用发动机横向布置时，曲轴旋转的陀螺效应会阻碍摩托车侧倾转弯，曲轴越重这种阻力越大。由于单缸机曲轴短，陀螺效应相对要低得多，所以左右侧倾轻便。驾驶者会感觉方向把很轻便。
- ◆1. Because of its simple structure, light weight and small size compared with the multi-cylinder engine with the same displacement, the single-cylinder engine is beneficial to reduce the weight of the whole vehicle, so it also improves the flexibility of vehicle control.
- ◆2. When the engine is transversely arranged, the gyroscopic effect of crankshaft rotation will prevent the motorcycle from turning sideways. The heavier the crankshaft is, the greater the resistance will be. Because the crankshaft of single cylinder engine is short and the gyroscopic effect is much lower, the left and right side tilt is light. Drivers will feel light in direction.



静音系列柴油发电机组

静音柴油发电机组，柴油发电机组是引进国外低噪音发电机和发动机技术而精心设计的；设计理念先进，品种齐全。箱体全部为可拆卸式结构，箱体采用钢板拼接而成，表面涂有高性能防锈漆，同时具备降噪和防雨功能；箱体内部采用多层屏障阻抗错配式消声结构、内置式大型阻抗式消音器。同时在箱体上开有观察窗和机组紧急停机故障按钮，以便观察机组的运行情况及在机组出现紧急情况时以最快的速度停机避免机组受到损坏。



SILENT TYPE DIESEL GENERATOR SETS

The silent type diesel generator sets are elaborately designed by introducing the advanced technology of low noise generator and low noise engine, with advanced design idea and style variety complete. The box is all detachable and made of steel plate splice. The surface is coated with the high performance antirust paint, it has the function of noise reduction and rain-proof. The box adopts multilayer sound-muffling structure and built-in large impedance compound silencer. Also, there is an observation window and an emergency stop button on the box, in order to observe the operational process and shut down at the top speed in case of emergency, for protecting the unit.



移动静音柴油发电机组

MOBILE MUTE DIESEL GENERATOR SET



特点 Characteristics

- ◆1、灵活方便的牵引杆，使牵引方便。
- ◆2、可选手动、气压刹车装置保持牵引安全、可靠。
- ◆3、钢制罩壳，保证电站内机组不受雨雪风尘侵蚀。
- ◆4、可选购安装的电缆及电缆滚筒，30米电缆保证用户大范围，远距离输电。

- ◆1. Convenient traction with flexible traction rod.
- ◆2. Safe and stable traction with shift of manual and pneumatic brake.
- ◆3. Protection from severe environment with steel shell.
- ◆4. Optional installation of cable and cable reel, the 30 meter cable ensures user's large range and long distance transmission.





全自动控制器

FULL AUTOMATIC CONTROLLER



众智 Smart Gen

◆控制器采用大屏幕液晶显示，中文、英文、西班牙文、俄文可选界面操作，操作简单，运行可靠。自动化控制器采用微处理器技术，实现了多种参数的精密测量、定值调节以及通过编程接口调整及检测。其结构紧凑、接线简单、可靠性高，可广泛应用于各类型发电机自动化系统。

◆The controller uses a large screen LCD display, with Chinese, English, Spanish and Russian operation interface, the operation is simple and reliable. The automation controller uses the microprocessor technology to realize the precision measurement of various parameters, the fixed set-point control and the adjustment and detection through the programming interface. It has compact structure, simple wiring and high reliability, and can be widely used in various types of generator automation systems.



ATS双电源切换系统

ATS 结构和用途机组设计有先进的控制系统，采用专用的程序控制器，当市电失电、缺相、欠电压的情况下，能自动启动机组，并使之投入运行供电；当发生故障时，声光报警装置会自动报警，并能记忆故障点，同时能自动卸载停机，以确保机组安全。控制屏采用全中文莹光显示屏，软面轻触开关，具有手感好，显示清晰，动作可靠等特点。同时，还可以为用户设计两台以上机组自动并网的控制屏，采用可编程控制器PLC作为主控单位，采用变脉冲宽度和变脉冲间隔软件设计调速，使调节进程进行十分迅速、准确平稳，性能稳定，可靠。



ATS DUAL POWER SWITCHING SYSTEM

The ATS structure and use unit is designed with advanced control system which is using a specialized program controller. The unit will start automatically, when losing electric supply, lack of phase or under voltage. When a fault occurs, the sound and light alarm will send automatically by the sending-to-alarming device, and the point of failure will be recorded, at the same time it can automatically make the machine power off, to ensure the safety of unit. The control panel uses VFD and soft touch switch, with feel good, clear display, reliable action features. The control panel can be also designed for more than two units' automatically interconnection under the customer' s requirement, using PLC as the main control unit, by the control software to vary the pulse width and pulse interval, the adjustment process is rapid, accurate and steady, the performance is stable and reliable.



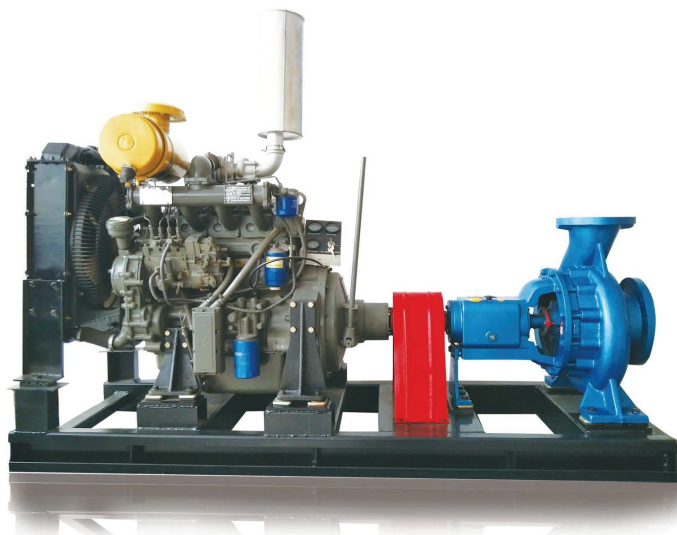
英国深海

DEEP SEA CONTROLLER

◆本控制器专为发电机组的控制而设计，自动控制发电机组的启动及停止；通过高亮LED以及液晶指示当前工作状态、相关参数、故障内容等；控制功能等可根据用户的具体要求进行调整、修改及二次开发。主要特点：微型电脑控制模块、自动启动、停机实现显示机组运行状态和参数、现象化的报警和状态图形标识、快捷显示机组信息、LED和LCD 报警标识。

◆The controller designed for controlling generator set, automatic control of the power on and off, through the bright LED and LCD indicates the current working state, the relevant parameters, fault content etc. Control function can be adjusted, modify and secondary development according to the user' s requirements. Main features: microcomputer control module, automatic startup and shutdown, display the running status and parameters of the unit, phenomenal alarm, status graphic identification, quick display of unit information, LED and LCD alarm signs.





水泵机组

离合式和直联驱动系列柴油水泵机组是在反复研究国内外同类技术的基础上开发成功的一种结构新颖的产品。泵组集离心或自吸或离合输出于一体等，采用柴油机驱动轴向回流外混式，并通过泵体、叶轮流道的独特设计要求，使用时不需要安装底阀和灌引水。泵组可吸排含有大颗粒固体和长纤维杂质液体，可广泛适用于市政排污、防涝工程、高压消防、农业灌溉、阳光板温室等。泵组具有结构简单、自吸性能好、排污能力强、高效节能、使用维修方便、一体式或户外型可移动设计等特点，在柴油水泵系列产品中属国内首创。



PUMP UNIT

The series of diesel pump unit driven by separation and direct connection is a novel product developed successfully on the basis of repeated studies of similar technologies at home and abroad. The pump set integrates centrifuge or self suction or clutch output in one, applies the type of back-flow of the diesel engine driving axis, due to the unique design of the pump body and impeller, it doesn't need to install the bottom valve and irrigation water. The pump set can absorb and discharge the large particles of solid and the liquid with long fiber impurity, it can be widely used in municipal sewage, prevent water-logging project, high-pressure fire, agricultural irrigation, greenhouse, etc. The pump unit has the characteristics of simple structure, good self suction performance, strong pollution discharge capacity, energy efficient, easy to use and maintenance, mobile design, etc.



柴油机技术参数

TECHNICAL PARAMETERS OF DIESEL ENGINE

类别 Category	型号 Model	标定功率 (kw) Calibrated Power	标定转速 (rpm) Calibrated speed
发电机系列柴油机 Generator Series	K4100D	30.1	1500
	K4100ZD	41	1500
	ZH4100D	31	1500
	ZH4100ZD	41	1500
	ZH4105ZD	55	1500
	R4105ZD	56	1500
	R6105ZD	84	1500
	R6105AZLD	121	1500
	R6105IZLD	132	1500
	R6105IZLD/大泵	151	1500
	R6110ZLD	155	1500
	6126ZLD	206	1500
	6126ZLD1	256	1500
	6126ZLD2	308	1500
	LT-408	408	1500
固定装备系列柴油机 Fixed Equipment Series	K4100P	40	2000
	K4100ZP	42	2000
	ZH4100P	42	2000
	ZH4100ZP	45	2000
	ZH4102P	47	2000
	ZH4102ZP	50	2000
	ZH4105P	50	2000
	ZH4105ZP	64	2000
	R4105P	48	2000
	R4105ZP	62	2000
	R6105P	72	2000
	R6105ZP	93	2000
	R6105AZLP	120	2000
	R6105IZLP	150	2000
	R6110ZLP	165	2000
工程机械系列柴油机 Construction Machinery Series	6126ZLP	236	2000
	6126ZLP1	256	2000
	6126ZLP2	308	2000
	ZH4100Y4	44	2200/2400
	ZH4100ZY4	56	2200/2400
	ZH4102Y4	57	2200/2400
	ZH4102ZY4	67	2200/2400
	ZH4105Y4	59	2200/2400
	ZH4105ZY4	69	2200/2400
	R4105ZY4	78	2200/2400
	R4108ZY4	88	2200/2400
	R6105ZY4	110	2200/2400





BenefitAll Supply Chain
(Shandong) Co., Ltd.

PROFESSIONAL DIESEL ENGINE PRODUCTION BASE

专业柴油发电机组生产基地

期待与您携手

