



บริษัท ซีเอสวี เอ็นเนอร์จี้ จำกัด
CSV ENERGY CO., LTD.

GB POWER



เลขที่ 31/1 หมู่ 15 ซอยรามพัฒนา ถนนกิ่งแก้ว 45 ตำบลราชาเทวะ

อำเภอบางพลี จังหวัดสมุทรปราการ 10540

โทรศัพท์ 0-2738-5480-6 ext 113 โทรศัพท์ 0-2738-5492 โทรสาร 0-2738-5493-4

Email : CS_marketing@cctransformer.co.th , jaya25177@gmail.com





Professional Manufacturer and Designer of Generation System
Power Range 5-2500KW





THE CORE IDEA OF GB Power

Our target:

To establish a new innovative and learning team ,
"dancing with wolves , supporting war with war" .
Learning and competing in the competitions,
providing professional products and services for
the global customers continuously

Our Style:

Prompt response , immediate action , no excuse ,
only to find methods

Our Service:

Meeting the customers' manifest demands
Making the standardized products
Considering the customers' potential requirements
Exceeding the customers' expectations
Providing personalized solutions
All are for the success of the clients

Our Spirit:

Turning the impossibility into the possibility. Making
the possibility into the perfection



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GB POWER Group Profile

GB Power Co., Ltd. as a manufacturer of diesel generator set, is specialized in generator field over 16 years.

GB Power is OEM partner of Perkins, Cummins and Deutz, with power range from 5KW-2500KW. Yanmar, Isuzu, Volvo and Iveco, MTU are also our partner.

GB Power's Shanghai Factory area is more than 15,000 square metre and equipped with advanced equipment including Laser cutting machine, CNC Punching Machine, CNC Bending Machine and so on. GB Power's experienced technicians and excellent facilities guarantee the production of first class generator set.

To control the quality, GB Power introduced ERP Software Management System and has got ISO9001 Quality System Certification. All Generator Sets and Alternator CE be approved (Issued by SGS).

GB Power has now successfully established wide cooperation relationship with foreign companies in many fields, including telecommunication companies from Malaysia, Indonesia, and Brazil. Also we have supplied large standby power for Petroleum Corporations of Saudi Arabia and Venezuela.

Our products and services have gained more and more customers' trust. Providing Standardized product, providing professional service, providing Easy-oriented and suitable solutions, above three Standards belong to our target in the long run.



Power Your Good Future Power Your Comfortable Life



EQUIPMENTS OF COMPANY



① CNC Punching Machine

The plates which are less than 3mm can meet the high precision needs of every components after processing by automatic CNC punching machine.

② Spray Painting Line

Automatic spray painting line ensures the tone unification , spaying evenly . What's more ,it can guarantee the elegant appearance and it's endurance.

③ CNC Shear Machine

The 3-15mm plates can satisfy the needs of different products after cutting by the shearing machine.

ADVANCED EQUIPMENT PERFECT PRODUCT



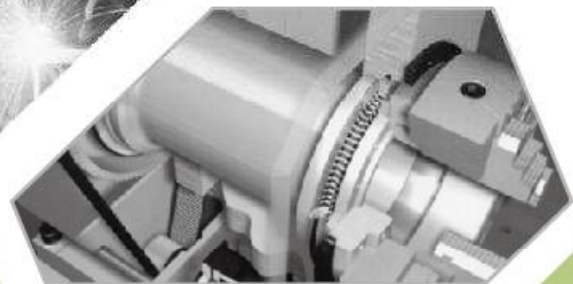
- 4 Laser Cutting Machine**
The 3-15mm thick plates can make our products smoother and compacter on structure after cutting by the laser cutting machine.

- 5 CNC Bending Machine**
Full- automatic CNC bending machine can guarantee the accuracy of the products' shape.

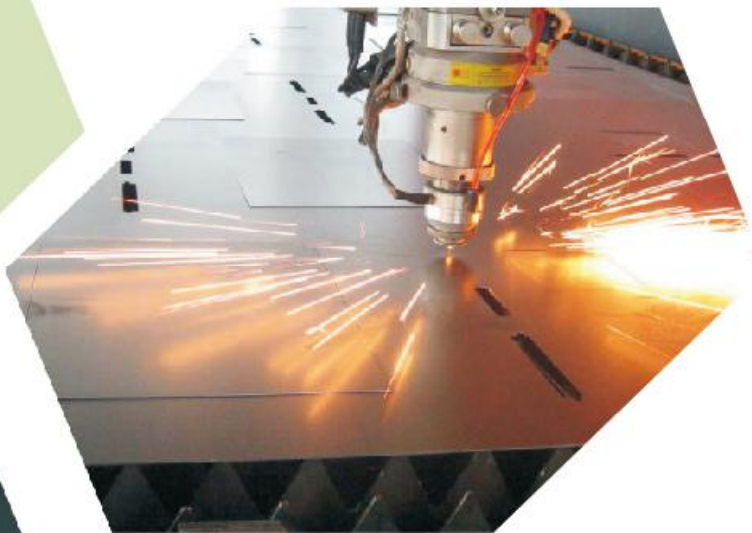
- 6 Dry loading testing Equipment**
2000KW dry loading testing equipment ensures the normal operation in the extreme natural conditions by imitating the extreme working environment (high temperature, high humidity, anoxia).

TECHNOLOGICAL PROCESS

- 1 Technology process decompose, to ensure that the product structure is reasonable.
- 2 To manage the workshop by 5S can ensure production schedule orderly, and clearness in working site.
- 3 Strictly control the supply channels, to ensure the high quality raw material be supplied.
- 4 Laser cutting machine, CNC punch press, to ensure the precision of cutting dimension .
- 5 CNC bending machine, to ensure pretty product edge, and appropriate gap .



10 standard processes to ensure delicate quality



- 6 Tanks and other important components use argon fluorine welding, to ensure material deformation and durability.
- 7 Trial assembly before painting, to ensure accurate product's dimension, to reduce amendment in the leaving process, and to ensure that the production run smoothly.
- 8 The product appearance can be kept in the long period, which can resistance bright light and rain, by using strict phosphoric acid pickling, the outdoor painting, and the standard power coating paint.
- 9 Standard unified product testing, which all products adjust and test before leaving factory, to ensure that the end customers can use directly, and ensure that each product be friendly for end customer.
- 10 Concise and reasonable packing ensure transfer easily and can help customers take down conveniently.

PRODUCTION LINE



 **Perkins®**



GB POWER



ISUZU

**VOLVO
PENTA**



DESIGN DETAILS



- 1 FUEL TANK**
12hours or 24hours Base fuel tank with fuel gauge , easy to find fuel level

- 2 EMERGENCY BUTTON**
Most spare parts made by confirmed model, ensure the high quality standard

- 3 DEESEA CONTROL SYSTEM**
Excellent system design, easy to operate , easy to take maintenance

- 4 STAINLESS STEEL LOCKS AND HINGES**
Locks and hinges for door by stainless steel 304, to ensure that genset can be working outside in long time, and never worry to be rusted





- 5** SOCMEC ATS
Reliable quality bring confidence ,success depends on the details and high standard

- 6** SOCKET
Each detail design pre-consider for customer, to satisfy the customer's potential needs, always beyond customer's expectation

- 7** SCHNEIDER MCCB
Cooperate with famous brands, each spare parts from our professional selection, always as a consultant besides customer

- 8** DIRTY OIL PUMP
Each generator set is installed hand pump , easy to exhaust the dirty oil

- 9** BATTERY SYSTEM
Free-maintenance battery system,with floating charger,with battery switch , to ensure the genset can be started in any time.



DESIGN TYPE

According to different generator set's design, there are at least four type :

OPEN FRAME TYPE

No canopy



■ GB-P125 125 KVA

SILENT TYPE

Normal soundproof type, with canopy, noise level from 70-83db 7metres away



■ GB-P800 800 KVA

► ENGINE: U.K PERKINS/CUMMINS/DEUTZ/YANMAR/GB POWER

- Heavy duty diesel engine
- Four stroke , water cooled
- 12V and 24V DC starter and charge alternator
- Cooling radiator and fan
- Free-maintenance type Battery including Ract and Cable
- Flexible fuel connection hoses and manual oil sump drain valve
- Special type flexible fuel connection exhaust silencer
- Jacket water heater
- Hand Pump eliminate dirty oil

► ALTERNATOR: STAMFORD/LEROYSONER/GB POWER

- Brushless, single bearing, flexile disc
- Insulation class H and Protection class IP22
- Self-excitation and self-regulation
- With AVR(automatic voltage regulation)

SUPER SILENT TYPE

Extreme soundproof type, with canopy,
noise level from 55-76db 7metres away



■ GB-P500 500 KVA

CONTAINER TYPE

Including 20F,40HQ container type



■ GB-P1250 1250 KVA

► CANOPY: SILENT TYPE DESIGN / SUPER SILENT TYPE DESIGN

- All canopy parts designed with modular principles
- All metal canopy parts painted by electrostatic polyester power paint
- Water proof design ensure that the generator set can be works in countryside for long time
- Special construction design ensure that the noise level be controled in small scope
- Easy lifting and moving
- Easy maintenance and operation

BASE FRAME

- Base frame including position for forklift and crane
- Base frame design incorporates an integral fuel tank
- Daily fuel tank from 12hour to 24h ours
- Fuel tank be sperate from base, it's easy to take maintenance
- Antivibration pads are flexed between engine and alternator

► CONTROL SYSTEM:DEESEA

Original U.K control model Deepsea be used and
the main function as follow:

a)Control model type:

- Control with model AMF and ATS module
- Static battery charger
- Power switch for whole panel
- Lighting ensure that the model be operated in night
- Emergency stop push button

b)Alarm Function

- Over and Under Speed
- Start and Stop Failure
- Over Current
- Low Oil Pressure
- High engine temperature
- Low and High Battery Volt
- Charge fail
- Under/Over Generator Voltage



GB P Series generator set, using Perkins as power, Perkins engine (U.K) was formed as F.Perkins Ltd. On the 7th June 1932 in Peterborough,

England by Frank Perkins.It is one of the world's leading diesel engine manufacturers, from 1932, Perkins design the world's first high-speed

diesel engine"Perkins four cylinder Vixen", and in 1935, Perkins became the first company to hold six world diesel speed records for variety of distances set at the brooklands race track in Surrey.

Today, Various Perkins engine have been made for the industrial, agricultural,construction,material handing,marine and power generation markets.Worldwide , one in five

tractors is powered by Perkins engine,Perkins have developed into the top suppliers in the world market with the electric power generation area concluding 4-2000KW(5-2600HP).

People from all over the world gave full of trust to Perkins engine, the trust not only comes from Perkins excellent design, reliable products,but also from Perkins global distributors and the service which every agent provides.



1-50HZ PERKINS

GENERATOR SET SPECIFICATION

Frequency 50HZ			PERKINS Diesel Engine(Water Cooled 1500RPM)						Dimension(L*W*H)	
Genset Model	Standby Power	Prime Power	Engine Model	Prime Power	Standby Power	Cylinder	Bore*Stroke	Consumption 100% Loading	Open Type	Silent Type
	(KVA/KW)	(KVA/KW)		(KW)	(KW)		(MM)	(L/H)	(CM)	(CM)
GB-P10	11 / 8.8	10 / 8.0	403A-11G	8.5	9.3	3	77*81	3	140*65*110	185*100*110
GB-P13	14/11	12.5/10	403A-15G1	12	13.3	3	84*90	3.7	140*65*110	185*100*110
GB-P15	16.5/13	15/12	404A-15G2	14	15	3	84*100	5	145*65*110	215*100*110
GB-P20	22/17.6	20/16	404A-22G	18.5	20.3	4	84*100	5.3	145*65*120	215*100*127
GB-P25	27.5/22	25/20	404D-22TG	24.5	27	4	84*100	7.1	145*65*120	225*100*127
GB-P30	33/26.4	30/24	1103A-33G	27.6	30.4	3	105*127	7.1	165*75*125	250*100*157
GB-P45	50/40	45/36	1103A-33TG1	41.5	45.6	3	105*127	10.7	175*75*125	260*100*157
GB-P50	55/44	50/40	1103A-33TG1	41.5	45.6	3	105*127	11	175*75*125	260*100*157
GB-P60	66/52	60/48	1103A-33TG2	54	59.3	3	105*127	13.9	175*75*125	260*100*157
GB-P80	88/70.4	80/64	1104A-44TG2	82	90	4	105*127	18.7	185*90*135	281*106*168
GB-P100	110/88	100/80	1104C-44TAG2	90	99	4	100*127	22.6	230*96*148	320*116*184
GB-P130	143/114	130/104	1006A-70TG1	121	134	6	100*127	30.2	230*96*148	320*116*184
GB-P150	165/132	150/120	1106A-70TG2	147	163	6	100*127	33.4	230*96*148	320*116*184
GB-P180	198/158.4	180/144	1106A-E70TAG3	170	190	6	105*127	41.6	240*96*160	340*120*90
GB-P200	220/176	200/160	1106A-E70TAG4	176	191	6	117*146	45.8	250*100*165	350*135*195
GB-P250	275/220	250/200	1506A-E88TAG3	228	250	6	112*149	56	250*100*165	370*135*195
GB-P300	330/264	300/240	1506A-E88TAG5	273	299	6	130*157	65	300*110*198	370*135*195
GB-P350	385/308	350/280	2206A-E13TAG2	305	349	6	130*157	75	340*115*198	440*145*225
GB-P400	440/352	400/320	2206A-E13TAG3	349	392	6	137*171	85	340*115*198	440*145*225
GB-P500	550/440	500/400	2506C-E15TAG1	396	413	6	137*171	99	380*125*210	470*185*225
GB-P500	550/440	500/400	2506C-E15TAG2	435	478	6	145*183	106	380*125*210	470*185*225
GB-P600	660/528	600/480	2806C-E18TAG1A	522	574	6	145*183	123	390*160*220	540*190*225
GB-P625	687.5/550	625/500	2806C-E18TAG2	565	609	6	160*190	132	390*160*220	540*190*225
GB-P750	825/660	750/600	4006-23TAG2A	632	695	6	160*190	157	460*180*225	560*190*225
GB-P800	880/704	800/640	4006-23TAG3A	679	760	8	160*190	172	540*165*245	560*190*225
GB-P910	1000/800	910/728	4008TAG1A	762	839	8	160*190	196	540*165*245	560*190*225
GB-P1000	1100/880	1000/800	4008TAG2A	861	947	8	160*190	220	540*165*245	20FT
GB-P1250	1375/1100	1250/1000	4012-46TWG2A	1055	1166	12	160*190	262	560*200*245	40HQ
GB-P1350	1485/1188	1350/1080	4012-46TWG3A	1149	1263	12	160*190	283	560*200*245	40HQ
GB-P1500	1650/1320	1500/1200	4012-46TAG2A	1267	1395	16	160*190	301	560*200*245	40HQ
GB-P1650	1815/1452	1650/1320	4012-46TAG3A	1440	1583	16	160*190	370	560*220*260	40HQ
GB-P1850	2035/1628	1850/1480	4016-TAG1A	1537	1690	16	160*190	363	560*220*260	40HQ
GB-P2080	2288/1830	2080/1664	4016-TAG2A	1715	1886	16	160*190	434	560*200*260	40HQ
GB-P2200	2420/1936	2200/1760	4016-61TRG3A	1875	2083	16	160*190	434	560*200*260	40HQ
Alternator			Stamford /Mecc Alte/Leroysoner/GB brushless							



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1-60HZ PERKINS

GENERATOR SET SPECIFICATION

Frequency 60HZ			PERKINS Diesel Engine(Water Cooled 1800RPM)						Dimension(L*W*H)	
Genset Model	Standby Power	Prime Power	Engine Model	Prime Power	Standby Power	Cylinder	Bore*Stroke	Consumption 100% Loading	Open Type	Silent Type
	(KVA/KW)	(KVA/KW)							(CM)	(CM)
GB-P12.5	14/11	12.5/10	403D-11G	10.3	11.4	3	77*81	3.8	140*65*110	185*100*110
GB-P15	16.5/14	15/12	403D-15G	16	18	3	84*90	4.8	140*65*110	185*100*110
GB-P20	22/17.6	20/16	403A-15G2	16	18	3	84*90	6	145*65*110	215*100*125
GB-P25	27.5/22	25/20	404D-22G	21.6	32.9	4	84*100	6.9	145*65*120	215*100*125
GB-P30	33/26.4	30/24	404D-22TG	29.6	32.6	4	84*100	7.9	145*65*120	225*100*125
GB-P38	41/33	38/30	1103A-33G	32.2	35.4	3	105*127	8.6	175*75*125	250*100*157
GB-P50	55/44	50/40	1103A-33TG1	48.9	53.9	3	105*127	12.9	175*75*125	260*100*157
GB-P60	66/53	60/48	1103A-33TG2	61.2	67.5	3	105*127	16.6	175*75*125	260*100*157
GB-P75	82.5/66	75/60	1104A-44TG1	68.6	75.5	4	105*127	18.9	185*90*135	281*106*168
GB-P90	100/80	90/72	1104A-44TG2	82	90.2	4	105*127	23.6	185*90*135	281*106*168
GB-P100	110/88	100/80	1104G-E44TAG2	102	112	4	105*127	29.7	200*90*150	281*106*168
GB-P125	138/110	125/110	1106A-70TG1	135	148	4	105*135	33	240*98*160	340*115*195
GB-P150	165/132	150/120	1106A-70TG1	135	148	6	105*135	33.5	240*98*160	340*115*195
GB-P170	187/150	170/136	1106A-70TAG2	147	164	6	105*135	36.7	240*98*160	340*115*195
GB-P200	220/176	200/160	1106A-70TAG3	172	191	6	105*135	46.4	240*98*160	340*115*195
GB-P250	275/220	250/200	1506A-E88TAG2	220	242	6	120*149	51.5	250*100*165	350*155*195
GB-P300	330/264	300/240	1506A-E88TAG4	279	307	6	112*149	60	340*115*195	420*145*220
GB-P338	371/297	338/270	1506A-E88TAG5	312	345	6	112*149	65	340*115*195	420*145*220
GB-P400	440/352	400/320	2206C-E13TAG2	349	381	6	130*157	84	340*115*195	420*145*220
GB-P450	481/385	450/360	2206C-E13TAG6	381	435	6	130*157	91	340*115*195	420*145*220
GB-P500	550/440	500/400	2506C-E15TAG1	435	490	6	137*171	113	380*125*210	470*155*225
GB-P562	619/495	562/450	2506C-E15TAG2	495	543	6	137*171	120	380*125*210	470*155*225
GB-P625	688/550	625/500	2806A-E18TAG2	543	598	6	145*183	127	390*160*220	470*155*225
GB-P750	825/660	750/600	4006-23TAG3A	640	715	6	160*190	200	460*180*225	540*165*225
GB-P800	880/704	800/640	4006-23TAG3A	715	795	6	160*190	200	460*165*225	560*200*225
GB-P1000	1100/880	1000/800	4008TAG2	838	924	8	160*190	212	500*165*225	20FT
GB-P1250	1375/1100	1250/1000	4012-46TWG2A	1104	1155	12	160*190	260	540*165*245	40HQ
GB-P1400	1540/1232	1400/1120	4012-46TWG3A	1149	1263	12	160*190	291	540*165*245	40HQ
GB-P1500	1650/1320	1500/1200	4012-46TAG2A	1272	1399	12	160*190	301	560*200*245	40HQ
GB-P1750	1925/1540	1750/1400	4012-46TAG3A	1440	1583	12	160*190	361	560*220*260	40HQ
Alternator			Stamford /Mecc Alte/Leroysoner/GB brushless							



CUMMINS engines. Through near ten years of cooperation with CUMMINS, GB C series with its high reliability, low cost for use and maintenance to win the loyalty of many customers in the field of Army, transportation engineering system and mine industries. Established in 1919, headquartered in Columbus, Indiana, (USA) Cummins Inc. serves customers in more than 160 countries and territories through its network of 680 Company-owned and independent distributor locations and more than 5,000 dealer locations. 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.



1-50HZ CUMMINS

GENERATOR SET SPECIFICATION

Frequency 50HZ			CUMMINS Diesel Engine(Water Cooled 1500RPM)						Dimension(L*W*H)	
Genset Model	Standby Power	Prime Power	Engine Model	Prime Power	Standby Power	Cylinder	Bore*Stroke	Consumption 100% Loading	Open Type	Silen Typet
	(KVA/KW)	(KVA/KW)		(KW)	(KW)		(MM)	(L/H)	(CM)	(CM)
GB-C25	28/22	25/20	4B3.9-G	24	27	4	102*120	7.6	182*76*128	220*104*158
GB-C35	39/31	35/28	4BT3.9-G1	36	40	4	102*120	7.6	182*76*128	220*104*158
GB-C40	44/35	40/32	4BT3.9-G2	36	40	4	102*120	7.8	182*76*128	220*104*158
GB-C50	55/44	50/40	4BTA3.9-G2	50	60	4	102*120	12.6	182*76*128	238*104*158
GB-C60	66/52.8	60/48	4BTA3.9-G2	50	60	4	102*120	12.8	182*76*128	238*104*158
GB-C90	100/80	90/72	6BT5.9-G	86	92	6	102*120	20.5	223*83*149	276*112*173
GB-C100	110/88	100/80	6BT5.9-G2	92	100	6	102*120	20.5	223*83*149	323*115*178
GB-C125	138/110	125/100	6BTA5.9-G2	110	120	6	102*120	24	223*83*149	323*115*178
GB-C140	154/123	140/112	6BTAA5.9-G2	120	130	6	102*120	27.4	223*83*149	323*115*178
GB-C150	165/123	150/120	6BTAA5.9-G2	120	130	6	102*120	28	223*83*149	323*115*178
GB-C180	200/160	180/144	6CTA8.3-G2	163	180	6	114*135	32	248*88*149	323*115*178
GB-C200	220/176	200/160	6CTAA8.3-G2	183	200	6	114*135	42.7	248*88*149	323*115*178
GB-C250	275/220	250/200	6LTAA8.9-G2	220	245	6	114*135	53	248*88*149	359*124*203
GB-C300	330/264	300/240	NTA855-G1A	261	287	6	140*152	72	248*88*149	359*124*203
GB-C325	358/286	325/260	NTA855-G1B	284	312.4	6	140*152	72	250*83*150	359*124*203
GB-C350	385/308	350/280	NTA855-G2A	313	343	6	140*152	76	302*110*185	423*144*220
GB-C400	440/352	400/320	NTAA855-G7A	370	407	6	140*152	76	302*110*185	423*144*220
GB-C450	500/400	450/360	KTA19-G3	403	448	6	159*159	92.1	340*126*205	463*164*230
GB-C500	550/440	500/400	KTA19-G4	448	504	6	159*159	101.2	340*126*205	463*164*230
GB-C550	605/484	550/440	KTAA19-G5	470	550	6	159*159	121.5	365*164*205	503*184*253
GB-C600	660/528	600/480	KTAA19-G8	523	575	6	159*159	125	365*164*205	503*184*253
GB-C625	688/550	625/500	KTAA19-G6A	550	610	6	159*159	128.2	365*164*205	503*184*253
GB-C750	825/660	750/600	KTA38-G2	664	731	12	159*159	161.8	450*178*243	20FT
GB-C800	880/704	800/640	KTA38-G2B	711	789	12	159*159	160.2	450*178*243	20FT
GB-C900	1000/800	900/720	KTA38-G2A	813	895	12	159*159	182.4	450*178*243	20FT
GB-C1000	1100/880	1000/800	KTA38-G5	880	970	12	159*159	199.4	450*178*243	20FT
GB-C1125	1237/990	1125/900	KTA38-G9	990	1089	12	159*159	256	450*210*220	20FT
GB-C1250	1375/1100	1250/1000	KTA50-G3	1097	1207	16	159*159	260	500*210*230	40HQ
GB-C1400	1540/1232	1400/1120	KTA50-G8	1200	1320	16	159*159	288	500*210*230	40HQ
GB-C1500	1650/1320	1500/1200	KTA50-GS8	1287	1429	16	159*159	308	500*210*230	40HQ
GB-C1875	2062/1650	1875/1500	QSK60-G3	1615	1790	16	159*190	363	600*220*260	40HQ
GB-C2045	2250/1800	2050/1636	QSK60-G4	1695	1861	16	159*190	394	600*220*260	40HQ
Alternator			Stamford /Mecc Alte/Leroysoner/GB brushless							



CUMMINS engines. Through near ten years of cooperation with CUMMINS, GB C series with its high reliability, low cost for use and maintenance to win the loyalty of many customers in the field of Army, transportation engineering system and mine industries. Established in 1919, headquartered in Columbus, Indiana, (USA) Cummins Inc. serves customers in more than 160 countries and territories through its network of 680 Company-owned and independent distributor locations and more than 5,000 dealer locations. 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.



1-60HZ CUMMINS

GENERATOR SET SPECIFICATION

Frequency 60HZ			CUMMINS Diesel Engine(Cummins 1800RPM)						Dimension(L*W*H)	
Genset Model	Standby Power	Prime Power	Engine Model	Prime Power	Standby Power	Cylinder	Bore*Stroke	Consumption 100% Loading	Open Type	Silen Typet
	(KVA/KW)	(KVA/KW)		(KW)	(KW)		(MM)	(L/H)	(CM)	(CM)
GB-C25	28/22	25/20	4B3.9-G1	27	30	4	102*120	6	182*76*128	220*90*110
GB-C30	33/26.4	30/24	4B3.9-G2	27	30	4	102*120	6	182*76*128	220*90*110
GB-C40	44/35.2	40/32	4BT3.9-G1	40	44	4	102*120	13	182*76*128	220*104*158
GB-C63	69/55	63/50	4BTA3.9-G1	59	65	4	102*120	15	182*76*128	238*104*158
GB-C100	110/88	100/80	6BT5.9-G1	100	110	6	102*120	24	223*83*149	276*112*173
GB-C125	138/110	125/100	6BTA5.9-G2	118	130	6	102*120	26	223*83*149	323*115*178
GB-C150	165/132	150/120	6BTA5.9-G2	130	143	6	102*120	30	223*83*152	323*115*178
GB-C175	193/154	175/140	6CTA8.3-G2	173	190	6	114*135	41	248*88*149	323*115*178
GB-C200	212/170	200/160	6CTA8.3-G2	173	190	6	114*135	41	248*88*149	323*115*178
GB-C220	242/194	220/176	6CTAA8.3-G2	200	220	6	114*135	51	250*83*150	359*116*203
GB-C250	275/220	250/200	6LTAA8.9-G2	220	240	6	114*145	54	250*83*150	359*116*203
GB-C300	330/264	300/240	NTA855-G1	288	317	6	140*152	60	307*110*185	423*144*220
GB-C350	385/308	350/280	NTA855-G1B	315	347	6	140*152	70	307*110*185	423*144*220
GB-C400	440/352	400/320	NTA855-G3	363	399	6	140*152	80.5	307*110*185	423*144*220
GB-C450	495/396	450/360	KTA19-G2	407	448	6	159*159	88	340*126*205	463*164*230
GB-C500	550/440	500/400	KTA19-G3	465	511	6	159*159	102.5	340*126*205	463*164*230
GB-C562	625/500	562/450	KTA19-G4	512	563	6	159*159	113	340*126*205	463*164*230
GB-C600	660/528	600/480	KTAA19-G5	533	605	6	159*159	125	365*164*205	503*184*253
GB-C688	756/605	688/550	KTAA19-G6A	604	664	6	159*159	128	365*164*205	503*184*253
GB-C750	825/660	750/600	KT38-G	679	747	12	159*159	141	455*210*232	20FT
GB-C900	990/792	900/720	KTA38-G2	814	895	12	159*159	182	455*210*232	20FT
GB-C1000	1100/880	1000/800	KTA38-G2A	915	1007	12	159*159	200	455*210*232	20FT
GB-C1125	1238/990	1125/900	KTA38-G4	1011	1112	12	159*159	232	455*210*232	20FT
GB-C1250	1375/1100	1250/1000	KTA38-G9	1110	1220	12	159*159	266	500*220*220	20FT
GB-C1500	1650/1320	1500/1200	KTA50-G9	1384	1657	16	159*159	330	500*220*220	40HQ
Alternator			Stamford /Mecc Alte/Leroysoner/GB brushless							



Founded in 1864, DEUTZ was the first engine manufacturer in the world ,exquisite manufacturing technologies and predominant engine products do not only make DEUTZ the constitutor of world diesel engine standards, but also construct a huge platform for its cooperation with other partners all over the world. DEUTZ has already been one of the biggest three engine suppliers in diesel engine field. DEUTZ is a technology leader in the area of internal combustion engines. DEUTZ products meet present and upcoming emission requirements for the benefit of our customers.



1-50HZ DEUTZ

GENERATOR SET SPECIFICATION

Frequency 50HZ			DEUTZ Diesel Engine(Water Cooled 1500RPM)						Dimension(L*W*H)	
Genset Model	Standby Power	Prime Power	Engine Model	Prime Power	Standby Power	Cylinder	Bore*Stroke	Consumption 100% Loading	Open Type	Silent Type
	(KVA/KW)	(KVA/KW)		(KW)	(KW)		(MM)	(L/H)	(CM)	(CM)
GB-D60	66/53	60/48	BF4M2012	54	60	4	101*126	13.4	200*85*150	260*100*170
GB-D80	88/70	80/64	BF4M2012C	71	75	4	101*126	16	220*85*150	260*100*170
GB-D100	110/88	100/80	BF4M1013EC	97	102	4	108*130	22.57	220*85*150	260*100*170
GB-D112	125/100	112/90	BF4M1013EC	97	102	4	108*130	22.57	220*85*150	260*100*170
GB-D125	138/110	125/100	BF4M1013FC	117	129	4	108*130	27.6	220*85*150	260*100*170
GB-D162	180/144	162/130	BF6M1013EC	146	153	6	108*130	32.3	240*100*170	300*110*180
GB-D188	207/165	188/150	BF6M1013FCG2	166	183	6	108*130	37.8	240*100*170	300*110*180
GB-D200	220/176	200/160	BF6M1013FCG3	183	201	6	108*130	46.7	240*100*170	300*110*180
GB-D225	248/198	225/180	BF6M1015C-LA GA	208	231	6	132*145	48.2	240*100*175	300*110*185
GB-D250	275/220	250/200	BF6M1015C-LA G1A	228	250	6	132*145	52.8	240*100*175	300*110*185
GB-D300	330/264	300/240	BF6M1015C-LA G3A	282	314	6	132*145	58.7	250*100*175	320*110*185
GB-D350	386/308	350/280	BF6M1015C-LA G4	310	345	6	132*145	71	280*110*175	340*120*190
GB-D375	413/330	375/300	BF6M1015CP-LA G	328	365	6	132*145	76	280*110*175	340*120*190
GB-D438	480/385	438/350	BF8M1015C-LA G1A	388	418	8	132*145	92	280*110*180	340*120*190
GB-D450	495/396	450/360	BF8M1015C-LA G2	403	440	8	132*145	94.7	300*110*180	400*130*190
GB-D500	550/440	500/400	BF8M1015CP-LA G2	448	490	8	132*145	105	340*140*190	400*150*190
GB-D550	605/484	550/440	BF8M1015CP-LA G4	480	530	8	132*145	115.7	340*140*190	440*150*220
GB-D625	650/520	625/500	BF8M1015CP-LA G5	509	560	8	132*145	122.8	340*140*190	440*150*220
Alternator			Stamford /Mecc Alte/Leroysoner/GB brushless							

1-60HZ DEUTZ

GENERATOR SET SPECIFICATION

Frequency 60HZ			DEUTZ Diesel Engine(Water Cooled 1800RPM)						Dimension(L*W*H)	
Genset Model	Standby Power	Prime Power	Engine Model	Prime Power	Standby Power	Cylinder	Bore*Stroke	Consumption 100% Loading	Open Type	Silent Type
	(KVA/KW)	(KVA/KW)		(KW)	(KW)		(MM)	(L/H)	(CM)	(CM)
GB-D62.5	69/55	62.5/50	BF4M2012	63	70	4	101*126	16.2	200*85*150	260*100*170
GB-D88	96/77	88/70	BF4M2012C	79	88	4	101*126	19.4	220*85*150	260*100*170
GB-D100	110/88	100/88	BF4M1013E	85	89	4	108*130	21	220*85*150	260*100*170
GB-D112	125/100	112/90	BF4M1013EC	105	110	4	108*130	24.5	220*85*150	260*100*170
GB-D125	138/110	125/100	BF4M1013FC	116	112	4	108*130	27.6	220*85*150	260*100*170
GB-D162	179/143	162/130	BF6M1013EC	148	155	6	108*130	33.3	240*100*170	300*110*180
GB-D200	220/176	200/160	BF6M1013FCG2	186	204	6	108*130	46.3	240*100*170	300*110*180
GB-D225	248/198	220/180	BF6M1013FCG3	204	225	6	108*130	49	240*100*170	300*110*180
GB-D250	275/220	250/200	BF6M1015C-LA G1B	224	271	6	132*145	52	240*100*175	300*110*185
GB-D300	313/250	300/240	BF6M1015C-LA G2B	279	310	6	132*145	64	250*100*175	320*110*185
GB-D312	344/275	312/250	BF6M1015C-LA G3B	306	341	6	132*145	70	250*100*175	320*110*185
GB-D438	480/385	438/350	BF8M1015C-LA G1B	408	454	8	132*145	94.5	280*110*180	340*120*190
GB-D475	513/410	475/380	BF8M1015C-LA G1B	429	477	8	132*145	101	300*110*180	400*130*190
Alternator			Stamford /Mecc Alte/Leroysoner/GB brushless							



GB D A series generator set, power coverage from 8KW to 160KW, DEUTZ air-cooled diesel cold motivation is the best among the similar product. Air-cooled engine features: Compact structural design, easy maintenance. Direct forced air-cooled diesel engine air-cooling, no water pumps, water pipes, water tanks and other components, cylinder block and cylinder heads for the split, no cooling water interlayer. Simple structure, small size and light weight. There is no leakage, Frost Crack and the formation of scale lead to overheating and failure of the oil machine, greatly simplifying the maintenance work environmental adaptability, high reliability and wide range of applications generating units in stable condition.

Subject to environmental impact is small, can be $-40^{\circ}\text{C} \sim 50^{\circ}\text{C}$ temperature range and reliable work. Apply to cold, heat, desert, forest, highlands, and the water district, especially be suitable for work in high temperature desert area, no need to add any water.



1-50HZ DEUTZ

GENERATOR SET SPECIFICATION

Frequency 50HZ			DEUTZ Diesel Engine(Water Cooled 1500RPM)						Dimension(L*W*H)	
Genset Model	Standby Power	Prime Power	Engine Model	Prime Power	Standby Power	Cylinder	Bore*Stroke	Consumption 100% Loading	Open Type	Silent Type
	(KVA/KW)	(KVA/KW)		(KW)	(KW)		(MM)	(L/H)	(CM)	(CM)
GB-D30	33/26.4	30/24	D226B-3D	30	33	3	105*120	8.1	180*78*115	220*100*150
GB-D40	44/35	40/32	TD226B-3D	46	50	3	105*120	11.5	180*78*115	220*100*150
GB-D50	55/44	50/40	TD226B-3D	46	50	3	105*120	11.5	180*78*115	220*100*150
GB-D70	77/62	70/56	TD226B-4D	60	66	4	105*120	14.6	200*85*150	260*110*160
GB-D100	110/88	100/80	TBD226B-4D	90	99	4	105*120	20	200*85*150	260*110*160
GB-D140	154/123	140/112	TBD226B-6D	120	132	6	105*120	28	240*95*280	320*115*180
GB-D160	176/141	160/128	TBD226B-6D5	136	150	6	105*120	32	240*95*280	320*115*180
Alternator			Stamford /Mecc Alte/LeroySomer/GB brushless							

1-60HZ DEUTZ

GENERATOR SET SPECIFICATION

Frequency 60HZ			DEUTZ Diesel Engine(Water Cooled 1800RPM)						Dimension(L*W*H)	
Genset Model	Standby Power	Prime Power	Engine Model	Prime Power	Standby Power	Cylinder	Bore*Stroke	Consumption 100% Loading	Open Type	Silent Type
	(KVA/KW)	(KVA/KW)		(KW)	(KW)		(MM)	(L/H)	(CM)	(CM)
GB-D40	44/35	40/32	D266B-3D	36	40	3	105*120	9	180*78*115	220*100*150
GB-D50	55/44	50/40	TD266B-3D	50	55	3	105*120	12.5	180*78*115	220*100*150
GB-D80	88/70.4	80/64	TD266B-4D	70	77	4	105*120	16	200*85*150	260*110*160
GB-D100	110/88	100/80	TBD266B-4D	100	110	4	105*120	22	200*85*150	260*110*160
GB-D150	165/132	150/120	TBD266B-6D	135	144	6	105*120	31	240*95*180	320*115*180
GB-D180	198/158.4	180/144	TBD266B-6D5	150	165	6	105*120	33	240*95*180	320*115*180
Alternator			Stamford /Mecc Alte/LeroySomer/GB brushless							

ISUZU

Founded in 1916, Isuzu Motors has the longest history of any Japanese vehicle manufacturer. For nearly 70 years, Isuzu has been pioneering numerous technological innovations in the diesel engine field. With a cumulative total production of nearly 19 million diesel engines from its foundation, Isuzu is poised for sharpening its edge as the leading diesel manufacturer.

Isuzu products now benefit people in over 100 countries. To ensure the most advanced safety, economic and environmental performance as well as superb service, we are moving forward in product development, quality, manufacturing systems and customer support, which will become the new global standards of excellence. It is an uncompromising commitment to improvement for better products and a better partnership with the world.



1-50HZ ISUZU

GENERATOR SET SPECIFICATION

Frequency 50HZ			ISUZU Diesel Engine(Water Cooled 1500RPM)						Dimension(L*W*H)	
Genset Model	Standby Power	Prime Power	Engine Model	Prime Power	Standby Power	Cylinder	Bore*Stroke	Consumption 100% Loading	Open Type	Silent Type
	(KVA/KW)	(KVA/KW)		(KW)	(KW)		(MM)	(L/H)	(CM)	(CM)
GB-I25	27.5/22	25/20	4JB1	24	27	4	93*102	6.23	195*82*115	220*90*110
GB-I30	33/26.4	30/24	4JB1T	28	32	4	93*102	7.27	195*82*115	220*90*110
GB-I40	44/35	40/32	4JB1TA	36	40	4	93*102	8.71	195*82*115	220*90*110
Alternator			Stamford /Mecc Alte/Leroysoner/GB brushless							

1-60HZ ISUZU

GENERATOR SET SPECIFICATION

Frequency 60HZ			ISUZU Diesel Engine(Water Cooled 1800RPM)						Dimension(L*W*H)	
Genset Model	Standby Power	Prime Power	Engine Model	Prime Power	Standby Power	Cylinder	Bore*Stroke	Consumption 100% Loading	Open Type	Silent Type
	(KVA/KW)	(KVA/KW)		(KW)	(KW)		(MM)	(L/H)	(CM)	(CM)
GB-I30	33/26.4	30/24	4JB1	28	32	4	93*102	7.1	195*82*115	220*90*110
GB-I38	42/33	38/30	4JB1T	34	38	4	93*102	8.19	195*82*115	220*90*110
GB-I45	50/40	45/36	4JB1TA	43	48	4	93*102	11.7	195*82*115	220*90*110
Alternator			Stamford /Mecc Alte/Leroysoner/GB brushless							



GB YM Series generator set, using Yanmar engine as power, Yanmar (Japan) was founded in 1912 and developed the world's first commercial viable small diesel engine in 1933, due to the compact design, easy to operate, environment-friendly, low fuel consumption, this series generator sets are suitable for super silent design, which are popular for hospitals, telecom company stations, hotels and living areas.



1-50HZ YANMAR

GENERATOR SET SPECIFICATION

Frequency 50HZ			YANMAR Diesel Engine(Water Cooled 1500RPM)						Dimension(L*W*H)	
Model	Standby (KVA/KW)	Prime (KVA/KW)	Model	Prime Power	Standby Power	Cylinder	Bore*Stroke	Consumption 100% Loading	Open Type	Silent Type
	(KVA/KW)	(KVA/KW)		(KW)	(KW)		(MM)	(L/H)	(CM)	(CM)
GB-YM6	6.6/5.2	6/4.7	3TNM68-GGE	5.5	6.1	3	68*72	1.65	120*60*80	155*80*100
GB-YM9	9.9/7.7	8.8/7	3TNV76-GGE	8.2	9	3	76*82	2.4	120*60*80	160*80*100
GB-YM10	11/8.8	10/8	3TNV82A-GGE	9.9	11	3	82*84	2.74	120*60*80	160*80*100
GB-YM12.5	14/11	12.5/10	3TNV88-GGE	12.2	13.2	3	88*90	3.37	130*65*100	170*80*110
GB-YM15	16.5/13.2	15/12	3TNV84T-GGE	14.1	15.5	3	84*90	3.9	140*65*100	170*80*110
GB-YM17.5	19/15.4	17.5/14	4TNV88-GGE	16.4	17.7	4	88*90	4.54	170*65*110	210*90*120
GB-YM20	22/17.6	20/16	4TNV84T-GGE	19.1	21	4	84*90	5.28	170*65*110	220*90*120
GB-YM30	33/26.4	30/24	4TNV98-GGE	30.7	34.1	4	98*110	8	170*65*110	220*90*120
GB-YM40	44/35.2	40/32	4TNV98T-GGE	37.7	41.4	4	98*110	9.45	180*75*110	230*100*130
GB-YM50	55/44	50/40	4TNV106-GGE	44.9	49.4	4	106*125	12	180*65*110	230*100*130
GB-YM56	62/50	56/45	4TNV106T-GGE	50.9	56	4	106*125	13.6	200*80*110	240*100*130
Alternator			Stamford /Mecc Alte/Leroysoner/GB brushless							

1-60HZ YANMAR

GENERATOR SET SPECIFICATION

Frequency 60HZ			YANMAR Diesel Engine(Water Cooled 1800RPM)						Dimension(L*W*H)	
Model	Standby (KVA/KW)	Prime (KVA/KW)	Model	Prime Power	Standby Power	Cylinder	Bore*Stroke	Consumption 100% Loading	Open Type	Silent Type
	(KVA/KW)	(KVA/KW)		(KW)	(KW)		(MM)	(L/H)	(CM)	(CM)
GB-YM7.5	8.3/6.6	7.5/6	3TNM68-GGE	6.6	7.3	3	68*72	1.97	120*60*80	155*80*100
GB-YM10	11/8.8	10/8	3TNV76-GGE	9.8	10.7	3	76*82	2.87	120*60*80	160*80*100
GB-YM12.5	14/11	12.5/10	3TNV82A-GGE	12	13.2	3	82*84	3.32	120*60*80	160*80*100
GB-YM15	16.5/13	15/12	3TNV88-GGE	14.7	16.2	3	88*90	4.06	130*65*100	170*80*110
GB-YM17.5	19/15	17.5/14	3TNV84T-GGE	16.6	18.3	3	84*90	4.59	140*65*100	170*80*110
GB-YM20	22/17.6	20/16	4TNV88-GGE	19.6	21.6	4	88*90	5.42	170*65*110	210*90*120
GB-YM25	27.5/22	25/20	4TNV84T-GGE	24.2	26.8	4	84*90	6.69	170*65*110	220*90*120
GB-YM37.5	41/33	37.5/30	4TNV98-GGE	36.4	40.8	4	98*110	9.5	170*65*110	220*90*120
GB-YM50	55/44	50/40	4TNV98T-GGE	45.3	50.1	4	98*110	11.3	180*75*110	230*100*130
GB-YM56	63/50	56/45	4TNV106-GGE	53.3	58.7	4	106*125	14.3	180*65*110	230*100*130
GB-YM62.5	69/55	62.5/50	4TNV106T-GGE	60.9	67	4	106*125	16.3	200*80*110	240*100*130
Alternator			Stamford /Mecc Alte/Leroysoner/GB brushless							

VOLVO PENTA

Volvo Penta was founded in 1907 in conjunction with the production of the first marine engine, B1. The Penta company soon became an established internal combustion engine manufacturer, which in 1927 delivered the engine for Volvo's first passenger car.

Now Volvo Penta is a world-leading supplier of engines and complete power systems for marine and industrial applications. It provides internal combustion engines (ICEs) and complete power systems to the boating industry, power-generating equipment, and similar industrial applications. The engine program comprises petroleum fuel (diesel and petrol) engines with power outputs of between 7.5 and 1,500 kilowatts (10 and 2,012 bhp).



1-50HZ VOLVO PENTA

GENERATOR SET SPECIFICATION

Frequency 50HZ			VOLVO PENTA Diesel Engine(Water Cooled 1500RPM)						Dimension(L*W*H)	
Model	Standby (KVA/KW)	Prime (KVA/KW)	Model	Prime Power	Standby Power	Cylinder	Bore* Stroke	Consumption 100% Loading	Open Type	Silent Type
	(KVA/KW)	(KVA/KW)		(KW)	(KW)		(MM)	(L/H)	(CM)	(CM)
GB-V70	88	80	TD520GE	75	83	4	108*130	14	210*85*145	280*106*156
GB-V100	110	100	TAD531GE	88	98	4	108*130	19	220*90*155	300*116*160
GB-V130	143	130	TAD532GE	116	125	4	108*130	24	220*90*155	300*116*160
GB-V150	165	150	TAD731GE	133	148	6	108*130	29	250*100*155	320*126*180
GB-V180	198	180	TAG732GE	161	179	6	108*130	36	260*105*160	360*146*190
GB-V200	220	200	TAG733GE	177	197	6	108*130	38	260*105*160	360*146*190
GB-V250	275	250	TAG734GE	216	241	6	108*130	48	270*110*165	360*146*190
GB-V325	358	325	TAD941GE	280	308	6	120*138	66.1	300*120*165	400*156*205
GB-V375	412.5	375	TAD1343GE	305	349	6	131*150	68	300*120*165	460*166*220
GB-V400	440	400	TAD1344GE	349	392	6	131*158	73	310*120*180	460*166*220
GB-V450	495	450	TAD1345GE	396	435	6	131*158	83	310*120*180	480*186*225
GB-V500	550	500	TAD1641GE	430	473	6	144*165	93	320*120*190	480*186*225
GB-V600	660	600	TAD1642GE	498	554	6	144*165	105	350*120*200	480*186*225
GB-V625	687.5	625	TWD1643GE	536	596	6	144*165	116	350*120*200	480*186*225
Alternator			Stamford /Mecc Alte/Leroysoner /GB brushless							

1-60HZ VOLVO PENTA

GENERATOR SET SPECIFICATION

Frequency 60 HZ			VOLVO PENTA Diesel Engine(Water Cooled 1800RPM)						Dimension(L*W*H)	
Model	Standby (KVA/KW)	Prime (KVA/KW)	Model	Prime Power	Standby Power	Cylinder	Bore* Stroke	Consumption 100% Loading	Open Type	Silent Type
	(KVA/KW)	(KVA/KW)		(KW)	(KW)		(MM)	(L/H)	(CM)	(CM)
GB-V90	100	90	TD520GE	82	85	4	108*130	17	210*85*145	280*106*156
GB-V100	110	100	TAD531GE	93	104	4	108*130	21	220*90*155	300*116*160
GB-V130	143	130	TAD532GE	115	129	4	108*130	26	220*90*155	300*116*160
GB-V150	165	150	TAD731GE	138	154	6	108*130	31	250*100*155	320*126*180
GB-V180	198	180	TAG732GE	176	197	6	108*130	41	260*105*160	360*146*190
GB-V200	220	200	TAG733GE	195	218	6	108*130	47	260*105*160	360*146*190
GB-V250	275	250	TAG734GE	214	238	6	108*130	48	270*110*165	360*146*190
GB-V350	385	350	TAD941GE	288	319	6	120*138	68	300*120*165	400*156*205
GB-V375	412.5	375	TAD1343GE	320	356	6	131*158	75	300*120*165	460*166*220
GB-V400	440	400	TAD1344GE	350	389	6	131*158	85	310*120*180	460*166*220
GB-V450	495	450	TAD1345GE	396	435	6	144*165	95	310*120*180	480*186*225
GB-V500	550	500	TAD1641GE	485	546	6	144*165	109	320*120*190	480*186*225
GB-V600	660	600	TAD1642GE	532	585	6	144*165	123	350*120*200	480*186*225
GB-V625	687.5	625	TWD1643GE	585	644	6	144*165	131	350*120*200	480*186*225
Alternator			Stamford /Mecc Alte/Leroysoner /GB brushless							

GB POWER

GB POWER series generator set , power coverage from 8KW to 1000KW ,full range of engine according to the world emission standards, from E-III ,EIV and E-V standards,GB Power engine to high powered,high torque,high reliability,low fuel consumption,low emission,low noise, the performance is outstanding and the emission capability is well. Also, the production has been certificated by the ISO9001 and TS16949 quality system.



1-50HZ GB POWER

GENERATOR SET SPECIFICATION

Frequency 50HZ			GB POWER Diesel Engine(Water Cooled 1500RPM)						Dimension(L*W*H)	
Genset Model	Standby Power	Prime Power	Engine Model	Prime Power	Standby Power	Cylinder	Bore*Stroke	Consumption 100% Loading	Open Type	Silent Type
	(KVA/KW)	(KVA/KW)		(KW)	(KW)		(MM)	(L/H)	(CM)	(CM)
GB-10	11/8.8	10/8	GB380D	10	11	3	80*90	3	160*70*100	180*85*110
GB-12.5	14/11	12.5/10	GB385D	11	12	3	85*90	3.36	160*70*108	180*85*110
GB-15	16.5/13	15/12	GB480D	14	15.4	4	80*90	3.95	166*73*108	200*95*115
GB-20	22/17.6	20/16	GB485D	17	18.7	4	85*90	4.7	166*73*108	200*95*115
GB-25	27.5/22	25/20	GB490D	22	24	4	90*105	6.04	173*73*115	210*100*125
GB-30	33/26.4	30/24	GB4102D	33	36	4	102*118	8.95	200*83*115	230*100*125
GB-40	44/35	40/32	GB4105D	38	41.8	4	105*118	10.2	200*83*115	230*100*125
GB-50	66/53	60/48	GB4105D-2	45	50	4	105*135	10.1	196*81*138	233*116*142
GB-60	66/53	60/48	GB4108	55	60	4	112*135	12.4	229*87*145	262*115*150
GB-70	69/55	63/50	GB4115D	60	65	4	115*135	13.5	229*87*145	262*115*150
GB-100	99/79	90/72	GB4112ZD	88	96	4	112*135	19.6	248*86*150	260*110*140
GB-125	137.5/110	125/100	GB4112ZLD	100	110	4	112*135	22	248*86*150	268*110*160
GB-140	154/123	140/112	GB6112ZD	112	120	4	112*135	24.8	260*96*150	300*110*160
GB-150	165/132	150/120	GB6112ZD-1	132	145	6	112*135	29.2	260*96*150	320*110*160
GB-180	198/158	180/144	GB6112ZD-1	165	180	6	112*135	36.54	260*96*150	320*110*160
GB-200	220/176	200/160	GB6126ZLD	200	220	6	126*130	42.94	285*130*190	360*150*200
GB-250	275/220	250/200	GB6126ZLD-1	220	240	6	126*130	47.23	285*130*190	360*150*200
GB-275	302/242	275/220	GB6126ZLD-2	250	275	6	126*130	53.68	285*130*190	360*150*200
GB-300	330/264	300/240	GB135TAD28	280	308	6	138*150	67.39	285*130*190	360*150*200
GB-350	385/308	350/280	GB138TAD35L	309	340	6	138*160	75.77	370*148*220	430*165*220
GB-375	412/330	375/300	GB38TAD33L	339	373	6	138*160	83.13	370*148*220	450*165*220
GB-400	440/352	400/320	GB12138TAD	353	388	6	138*160	86.6	370*148*220	450*165*220
GB-450	522/418	450/380	GB12V138TAD	432	475	12	138*150	103.98	370*148*220	450*165*220
GB-500	550/440	500/400	GB12V138TAD	465	512	12	138*150	111.92	370*148*220	530*165*225
GB-562	618/495	562/450	GB12V138TAD	506	556	12	138*150	121.79	370*148*220	530*165*225
GB-625	687/550	625/500	GB12V138TAD	560	616	12	138*150	134.7	370*148*220	530*165*225
GB-700	770/616	700/560	GB12V138TAD	618	680	12	138*150	148.75	450*200*220	560*220*225
GB-750	825/660	750/600	GB12V140TAG	682	750	12	140*165	168	450*200*220	560*220*225
GB-1000	1100/880	1000/800	GB12V140TAD	880	968	12	140*165	216.78	450*200*220	560*220*225
Alternator			Stamford /Mecc Alte/Leroysoner/GB brushless							

GB POWER

GB POWER series generator set , power coverage from 8KW to 1000KW ,full range of engine according to the world emission standards, from E-III ,EIV and E-V standards,GB Power engine to high powered,high torque,high reliability,low fuel consumption,low emission,low noise, the performance is outstanding and the emission capability is well. Also, the production has been certificated by the ISO9001 and TS16949 quality system.



1-60HZ GB POWER

GENERATOR SET SPECIFICATION

Frequency 60HZ			GB POWER Diesel Engine(Water Cooled 1800RPM)						Dimension(L*W*H)	
Genset Model	Standby Power	Prime Power	Engine Model	Prime Power	Standby Power	Cylinder	Bore*Stroke	Consumption 100% Loading	Open Type	Silent Type
	(KVA/KW)	(KVA/KW)		(KW)	(KW)		(MM)	(L/H)	(CM)	(CM)
GB-10	11/8.8	10/8	GB380D	12	13.2	3	80*90	3.59	160*70*100	180*85*110
GB-12.5	14/11	12.5/10	GB380D	12	13.2	3	80*90	3.59	160*70*100	180*85*110
GB-14	15/12.1	14/11	GB385D	13.2	14.5	3	85*90	3.91	160*70*108	180*85*110
GB-16	21/16.8	16/13.5	GB480D	17	18.7	4	80*90	4.78	166*73*108	200*95*115
GB-20	22/17.6	20/16	GB485D	20	22	4	85*90	5.54	166*73*108	200*95*115
GB-25	27.5/22	25/20	GB490D	26	28.6	4	90*105	7.14	173*73*115	210*100*125
GB-30	33/26.5	30/24	GB498D	30	33	4	98*105	8.14	173*73*115	220*100*125
GB-40	44/35	40/32	GB4102D	39.6	43.6	4	102*118	10.7	200*83*115	230*100*125
GB-50	55/44	50/40	GB4105D	45	49.5	4	105*118	11.9	200*83*115	230*100*125
GB-60	66/53	60/48	GB4108D	55	60	4	108*135	12.74	196*81*138	233*116*142
GB-75	69/55	63/50	GB4115D	66	72	4	115*135	15.29	248*86*150	260*110*140
GB-100	110/88	100/80	GB4112ZD	93	100	4	112*135	21	248*86*150	268*110*160
GB-125	137.5/110	125/100	GB4112ZLD	110	120	4	112*135	24.3	260*96*150	300*110*160
GB-140	154/123	140/112	GB6112ZD	125	136	6	112*135	28.2	260*96*150	310*110*160
GB-160	179/143	163/130	GB6112ZD-1	145	158	6	112*135	32.7	260*96*150	320*110*160
GB-200	220/176	200/160	GB6112ZLD	182	200	6	112*135	40.9	285*130*190	360*150*200
GB-250	275/220	250/200	GB6126ZLD	220	240	6	126*130	49.4	285*130*190	360*150*200
GB-275	302/242	275/220	GB6126ZLD-1	250	275	6	126*130	56.2	285*130*190	360*150*200
GB-300	330/264	300/240	GB135TAD28-1	280	308	6	135*150	67.3	320*100*190	360*150*200
GB-350	385/308	350/280	GB12V135 TAD	339	373	12	135*150	83.5	370*148*220	430*165*220
GB-375	413/330	375/300	GB12V138TD	353	388	12	138*150	86.9	370*148*220	450*165*220
GB-400	440/352	400/320	GB12V135TAD	382	420	12	135*150	91.9	370*148*220	450*165*220
GB-450	495/396	450/360	GB12V135 TAD	432	475	12	135*150	103.9	370*148*220	450*165*220
GB-500	550/440	500/400	GB12V138TAD	465	511	12	138*150	111.9	370*148*220	530*165*230
GB-550	605/484	550/440	GB12V135TAD	506	557	12	135*150	121.7	370*148*220	530*165*230
GB-625	688/550	625/500	GB12V13850	560	616	12	138*150	134.7	370*148*220	530*165*230
Alternator			Stamford /Mecc Alte/Leroysoner/GB brushless							

HIGH VOLTAGE GENERATOR SET



GBH series High Voltage generator set powered by Cummins or Perkins or MTU, including 6.3KV and 10.5KV and 11KV and 13.5KV, which have obvious advantages compared with low voltage type.

Direct high-voltage output, small loss and save energy, high efficiency, rapid response and strong start. The use of high-voltage units can reduce transmission losses and reduced investment in cable, suitable for long-distance carry. With impact resistance, to load fluctuations, with the super-load capacity to launch. large-capacity motor with single-phase loading capacity. Equipped with high-voltage Switch Cabinet. Computer protection.

Gensets Model	Prime Power(KVA)	CUMMINS Engine Model
GB-CH800	800	KTA38-G2B
GB-CH900	900	KTA38-G2A
GB-CH1000	1000	KTA38-G5
GB-CH1250	1250	KTA50-G3
GB-CH1400	1400	KTA50-G8
GB-CH1500	1500	KTA50-GS8
GB-CH1850	1850	QSK60-G3
GB-CH2000	2000	QSK60-G4
ALTERNATOR BY STAMFORD OR MARATHON OR GB POWER		
VOLTAGE CHOICE 3.3KV/6.0KV/6.6KV/10.5KV/11KV/13.5KV		

Gensets Model	Prime Power(KVA)	PERKINS Engine Model
GB-PH800	800	4008TAG
GB-PH900	900	4008TAG1A
GB-PH1000	1000	4008TAG2A
GB-PH1250	1250	4012-46TWG2A
GB-PH1350	1350	4012-46TWG3A
GB-PH1500	1500	4012-46TAG2A
GB-PH1710	1710	4016TAG
GB-PH1850	1850	4016TAG1A
GB-PH2000	2000	4016TAG2A
GB-PH2250	2250	4016-61TRG3
ALTERNATOR BY STAMFORD OR MARATHON OR GB POWER		
VOLTAGE CHOICE 3.3KV/6.0KV/6.6KV/10.5KV/11KV/13.5KV		

LIGHTING TOWER



1. Engine by Perkins or Yanmar or Kubota or GB Power, alternator by Stamford or Leroysoner.
2. The safe and reliable powered by hydraulic ram can be extended to 9 meters altitude fully;
3. The hydraulic one-way valve with electric control can keep the hydraulic ram at any position for long time;
4. The metal halide lamp lights can be adjusted manually at the non-lifting position; each light can be rotated 180°. The mast can be rotated 359°
5. The light bar can be adjusted from horizontal to vertical by the control panel operation;
6. The inertia braking system can mostly reduce the collision when the vehicle is braking;
7. The heavy-duty muffler makes the noise under 65 dB(A) at 7 meters away; The galvanized mast and the powder coated canopy suit the outdoor environment for a long time; The electrical devices of the lights are fitted in the weatherproof canopy, and it's easy to fix; The most cable can be retracted in the protective stainless steel tube;
8. The excellent-quality and multi-fault protection generator with the low-emission diesel engine and brushless alternator can power all of the lights stably and continuously; The smaller size is easy to be loaded. The maximum would be 7 sets in a 40 feet container;
9. Four manual legs of individual operation are able to support stably and reliably even on rough ground, so the lighting tower can also work in the 9 grade windy weather;
10. Control system by deepsea control model (DSE3110) to manually start or stop the genset and control each light independently just by its own individual switch.

50HZ 1500RPM

Standard Equipment	GBT-4000	GBT-P4000	GBT-P6000
Length(mm)	3220(2100,the tow bar be retracted or detached)		
Width(mm)	1620	1620	1800
Height(mm)	2250	2250	2460
Height(Mast be extended fully,m)	9	9	9
Weight(Dry,kg)	1250	1250	1400
Engine model	GB POWER 380	403D-11G(Perkins)	403D-15G(Perkins)
Frequency(Hz)	50	50	50
Speed(rpm)	1500	1500	1500
Continued Power(kVA)	7	7	10
Number of Cylinders	3		
Diesel Engine Characters	4-cycle,In line,Watercooled Diesel		
Combustion Type	Direct Injection		
Engine Aspiration	Naturally aspirated	Naturally aspirated	Naturally aspirated
Emission Level		Stage3	Stage3
Alternator	Stamford or Loerysomer Brushless & Single phase		
Rating Voltage(V)	230		
Alternator Insulation	Class H		
Fuel Tank Type	Bunded Tank		
Type of Lights	Metal halide floodlight Rectangle(E40/E39,GEWISS)		
Number & Power of Lights	4*1000W	4*1000W	6*1000W
Mast Extension	Hydraulic operation or Manual Type		
Mast Erection Time	<30 Seconds		
Mast Rotation	330° Manual Operation		
Light Bar Tilt	90° Electrically		
Control System	Deepsea3110		
Stabilizing Legs	Manually		
Trailer suspension& braking system	Leaf spring axle(hexagonal rubber axle for 4HVP) with drum brake		
Hitch & tow bar	Ball or O ring & stable hitch in height		
Tire Rim Size	14"		
Output Sockets	1 PCS(230V,10A)		
Acoustic Pressure	65 dB(A) AT 7 meters away		
Max.load quantity in a 40' container(sets)	7		

LIGHTING TOWER

60HZ 1800RPM

Standard Equipment	GBT-4000	GBT-P4000	GBT-P6000
Length(mm)	3220(2100,the tow bar be retracted or detached)		
Width(mm)	1620	1620	1800
Height(mm)	2250	2250	2460
Height(Mast be extended fully,m)	9	9	9
Weight(Dry,kg)	1250	1250	1400
Engine model	GB POWER 380	403D-11G(Perkins)	403D-15G(Perkins)
Frequency(Hz)	60	60	60
Speed(rpm)	1800	1800	1800
Continued Power(kVA)	9	9	12
Number of Cylinders	3	3	3
Diesel Engine Characters	4-cycle,In line,Watercooled Diesel		
Combustion Type	Direct Injection		
Engine Aspiration	Naturally aspirated		
Emission Level		Stage3	Stage3
Alternator	Stamford or Loerysomer Brushless & Single phase		
Rating Voltage(V)	230		
Alternator Insulation	Class H		
Fuel Tank Type	Bunded Tank		
Type of Lights	Metal halide floodlight Rectangle(E40/E39,GEWISS)		
Number & Power of Lights	4*1000W	4*1000W	6*1000W
Mast Extension	Hydraulic operation or Manual Type		
Mast Erection Time	<30 Seconds		
Mast Rotation	330° Manual Operation		
Light Bar Tilt	90° Electrically		
Control System	Deepsea3110		
Stabilizing Legs	Manually		
Trailer suspension& braking system	Leaf spring axle(hexagoral rubber axle for 4HVP) with drum brake		
Hitch & tow bar	Ball or O ring & stable hitch in height		
Tire Rim Size	14"	14"	16"
Output Sockets	1 PCS(230V,10A)		
Acoustic Pressure	65 dB(A) AT 7 meters away		
Max.load quantity in a 40' container(sets)	7		

TRAILER TYPE



1. Leaf spring suspension structure, equipped with mechanical parking brake (manual) and air brake braking contacted with the tractor.
2. Trailer adopts height adjustable bolt type traction frame, which is suitable for various height tractors, large turning angle, and high mobility.
3. Two wheels suitable for 10kva to 50kva; Four wheels suitable 60kva to 500kva; Over 500kva should be over 6 wheels or more.
4. Due to the trailer type have good durability and easy to transfer, it's popular for rental generator set.

CONTAINERIZED POWER STATION

- 1.The Container is ruggedized standard, in 20FT or 40HQ, which can be easy to move, and be used outdoor. It meets the demands of shipment and land transportation.
- 2.Canopy of steel sheet sound proofed with fireproof rockwool, and treated with degreasing liquids and applied with a phosphate coat and epoxi paint. Outdoor and anticorrosive special treatment.
- 3.Abrasive floor:the floor use antislip steel, reducing the inconvenience caused by grease contamination inside the container
- 4.Engine with mechanical engine driven pusher fan.
- 5.Residential silencer with -35db(A) noise reduction with exhaust tube and protection cap.

1-50HZ PERKINS

GENERATOR SET SPECIFICATION

Frequency 50HZ			PERKINS Diesel Engine(Water Cooled 1500RPM)						Dimension(L*W*H)	
Genset Model	Standby Power	Prime Power	Engine Model	Prime Power	Standby Power	Cylinder	Bore*Stroke	Consumption 100% Loading	Open Type	Silent Type
	(KVA/KW)	(KVA/KW)		(KW)	(KW)		(MM)	(L/H)	(CM)	(CM)
GB-P1000	1100/880	1000/800	4008TAG2A	861	947	8	160*190	220	540*165*245	20FT
GB-P1250	1375/1100	1250/1000	4012-46TWG2A	1055	1166	12	160*190	262	560*200*245	40HQ
GB-P1350	1485/1188	1350/1080	4012-46TWG3A	1149	1263	12	160*190	283	560*200*245	40HQ
GB-P1500	1650/1320	1500/1200	4012-46TAG2A	1267	1395	16	160*190	301	560*200*245	40HQ
GB-P1650	1815/1452	1650/1320	4012-46TAG3A	1440	1583	16	160*190	370	560*220*260	40HQ
GB-P1850	2035/1628	1850/1480	4016-TAG1A	1537	1690	16	160*190	363	560*220*260	40HQ
GB-P2080	2288/1830	2080/1664	4016-TAG2A	1715	1886	16	160*190	434	560*200*260	40HQ
GB-P2200	2420/1936	2200/1760	4016-61TRG3A	1875	2083	16	160*190	434	560*200*260	40HQ
Alternator			Stamford /Mecc Alte/Leroysoomer/GB brushless							

1-50HZ CUMMINS

GENERATOR SET SPECIFICATION

Frequency 50HZ			CUMMINS Diesel Engine(Water Cooled 1500RPM)						Dimension(L*W*H)	
Genset Model	Standby Power	Prime Power	Engine Model	Prime Power	Standby Power	Cylinder	Bore*Stroke	Consumption 100% Loading	Open Type	Silen Typet
	(KVA/KW)	(KVA/KW)		(KW)	(KW)		(MM)	(L/H)	(CM)	(CM)
GB-C750	825/660	750/600	KTA38-G2	664	731	12	159*159	161.8	450*178*243	20FT
GB-C800	880/704	800/640	KTA38-G2B	711	789	12	159*159	160.2	450*178*243	20FT
GB-C900	1000/800	900/720	KTA38-G2A	813	895	12	159*159	182.4	450*178*243	20FT
GB-C1000	1100/880	1000/800	KTA38-G5	880	970	12	159*159	199.4	450*178*243	20FT
GB-C1125	1237/990	1125/900	KTA38-G9	990	1089	12	159*159	256	450*210*220	20FT
GB-C1250	1375/1100	1250/1000	KTA50-G3	1097	1207	16	159*159	260	500*210*230	40HQ
GB-C1400	1540/1232	1400/1120	KTA50-G8	1200	1320	16	159*159	288	500*210*230	40HQ
GB-C1500	1650/1320	1500/1200	KTA50-GS8	1287	1429	16	159*159	308	500*210*230	40HQ
GB-C1875	2062/1650	1875/1500	QSK60-G3	1615	1790	16	159*190	363	600*220*260	40HQ
GB-C2045	2250/1800	2050/1636	QSK60-G4	1695	1861	16	159*190	394	600*220*260	40HQ
Alternator			Stamford /Mecc Alte/Leroysonmer/GB brushless							



6. Integrated lifting hook for single point lifting with crane, which to be carried and moved.
7. Metal fuel tank, which supplier 6 hours full loading operation, it has an external fuel filter, quick socket fuel tank can be acceptable
8. Integrated control system makes it easy to operate and convenient to connection
9. Oil extraction system placed in sump.
10. Oil-water separator as a choice can be get.
11. Electrothermic or fuel type water jacket heater as a choice can be get
12. Auto lube feeding system as a choice can be get
13. Residential type muffler or heavy duty industrial extinguishing muffler as a choice can be get

1-60HZ PERKINS

GENERATOR SET SPECIFICATION

Frequency 60HZ			PERKINS Diesel Engine(Water Cooled 1800RPM)						Dimension(L*W*H)	
Genset Model	Standby Power	Prime Power	Engine Model	Prime Power	Standby Power	Cylinder	Bore*Stroke	Consumption 100% Loading	Open Type	Silent Type
	(KVA/KW)	(KVA/KW)		(KW)	(KW)		(MM)	(L/H)	(CM)	(CM)
GB-P1000	1100/880	1000/800	4008TAG2	838	924	8	160*190	212	500*165*225	20FT
GB-P1250	1375/1100	1250/1000	4012-46TWG2A	1104	1155	12	160*190	260	540*165*245	40HQ
GB-P1400	1540/1232	1400/1120	4012-46TWG3A	1149	1263	12	160*190	291	540*165*245	40HQ
GB-P1500	1650/1320	1500/1200	4012-46TAG2A	1272	1399	12	160*190	301	560*200*245	40HQ
GB-P1750	1925/1540	1750/1400	4012-46TAG3A	1440	1583	12	160*190	361	560*220*260	40HQ
Alternator			Stamford /Mecc Alte/Leroysonmer/GB brushless							

1-60HZ CUMMINS

GENERATOR SET SPECIFICATION

Frequency 60HZ			CUMMINS Diesel Engine(Cummins 1800RPM)						Dimension(L*W*H)	
Genset Model	Standby Power	Prime Power	Engine Model	Prime Power	Standby Power	Cylinder	Bore*Stroke	Consumption 100% Loading	Open Type	Silen Typet
	(KVA/KW)	(KVA/KW)		(KW)	(KW)		(MM)	(L/H)	(CM)	(CM)
GB-C750	825/660	750/600	KT38-G	679	747	12	159*159	141	455*210*232	20FT
GB-C900	990/792	900/720	KTA38-G2	814	895	12	159*159	182	455*210*232	20FT
GB-C1000	1100/880	1000/800	KTA38-G2A	915	1007	12	159*159	200	455*210*232	20FT
GB-C1125	1238/990	1125/900	KTA38-G4	1011	1112	12	159*159	232	455*210*232	20FT
GB-C1250	1375/1100	1250/1000	KTA38-G9	1110	1220	12	159*159	266	500*220*220	20FT
GB-C1500	1650/1320	1500/1200	KTA50-G9	1384	1657	16	159*159	330	500*220*220	40HQ
Alternator			Stamford /Mecc Alte/Leroysonmer/GB brushless							

DIESEL PUMP SET



ENGINE:

PERKINS/CUMMINS/DEUTZ/ GB POWER, power from 15kw to 900kw, engine widely used in power supplying areas, such as for fire-fighting pump, irrigation works, flooding-proof, drainage, mud pump, sand pump and other applications. With its advantage reliability, durability and safety.

PUMP:

Various kinds of pump such as double-suction pump, long spindle deep well pump and chemical pump can meet various needs, fire, water works, hydropower station, chemical power station, steel plant, agriculture irrigation and municipal works.

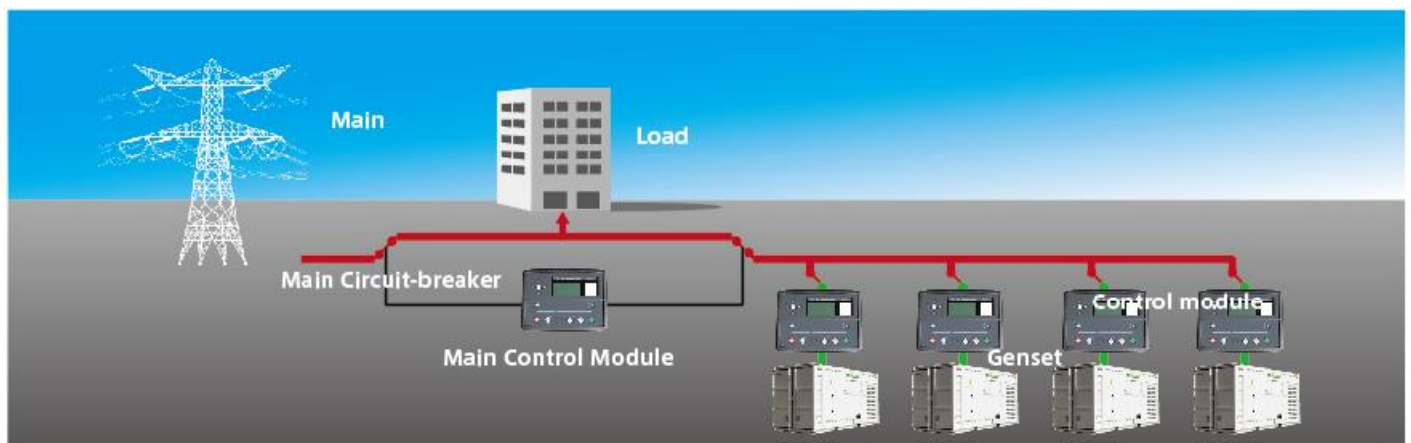
CONTROL SYSTEM:

LED control model system, with automatic switching of main pump and spare pump set. Double energy switching system can keep the pump set working stable, with protection function, which can keep the whole pump set working smoothly.



Diesel Pump Model	Rated Capacity(m ³ /h)	Rated Head(m)	Rated Speed (m)	Pump Model	Engine Model
GB-35/80	80	35	3000	80ZW-80-35	4L22-SB
GB-60/50	50	60	3000	80ZW-50-60	4L22-SB
GB-70/60	60	70	3000	80ZW-60-70	4L22-SB
GB-30/100	100	30	3000	100ZW-100-300	4L22-SB
GB-B60/80	80	60	3000	100ZW-80-60	KM496-SB
GB-80/80	80	80	3000	100ZW-80-60	KM496-SB
GB-38/180	180	38	3000	150ZW-180-38	KM496-SB
GB-15/100	100	15	1500	ZW100-100-15	4L22-SB1
GB-20/80	80	20	1500	ZW100-80-20	4L22-SB1
GB-20/120	120	20	1500	ZW125-120-20	4L22-SB1
GB-14/180	180	14	1500	ZW150-180-14	4L22-SB1
GB-20/180	180	20	1500	ZW150-180-20	495AD
GB-30/180	180	30	1500	ZW150-180-30	4100AD
GB-15/200	200	15	1500	ZW150-200-15	495AD
GB-25/200	200	25	1500	ZW150-200-25	4100AD
GB-14/280	280	14	1500	ZW200-280-14	495AD
GB-28/280	280	28	1500	ZW200-280-28	TL4100ZD
GB-28/280S	280	28	1500	ZW200-280-28	4135D
GB-18/300	300	18	1500	ZW200-300-18	4100AD
GB-20/420	420	20	1500	ZW250-420-20	TL4100ZD
GB-20/420S	420	20	1500	ZW250-420-20	4135D
GB-14/800	800	14	1500	ZW300-800-14	4135AD

AUTOMATIC SYNCHRONIZATION SYSTEM (ASS)



Automatic Synhronization system be suitable for 2 or more than 2 units genset using in the same time. The main function as follows:

1. Each genset running and providing power in the same time.
2. After genset be synchronized, to distribute power reasonably, the distance rate not less than 10%.
3. To add power when heavy loading and reduce power when less loading.
4. Both operation type by manual or automatic.
5. To sychorizate by manual, then to distribute or transfer actual power;
6. The sefty protecting functioin including over current, over loading, high voltage or low voltage.



AUTOMATIC TRANSFER SYSTEM bn (ATS)



socomec
Innovative Power Solutions

ATS is automatically activated by municipal electricity signal or upon client's request, and is automatically put into operation.

After electricity is recovered, unit will monitor for 30 seconds (adjustable) before automatically sending shutdown signal. Self-shutdown of unit is performed after maintenance, which enables full-automatic and unattended operation with the possibility of manual operation.

When city power fails, generator set will start automatically, then generator set providing power for loading system; when city power comes back, city power providing power for loading system, then generator set will stop automatically.

GB Power providing two choices for ATS, by SOCOMEC or GB Power own brands, both of them belong to reliable, power range from 32A to 4000A.



GB POWER CO.,LTD.

Add: No.18 Huqiao Industry Road, FengXianDistrict,ShangHai, China

Tel:+86 21 58407670

Email:info@gbpower.net

Fax:+86 21 58999659

URL: www.gbpower.net

CERTIFICATE OF AUTHORIZATION

This is to certify that

CSV ENERGY CO.,LTD.

**Is an authorized distributor of GB POWER CO. LTD., for the territory of Thailand
providing sales and post sales services for diesel generator sets of GB Power'
products**

This certification shall come into effect from October 1st, 2017 to October 1st
2018

GB POWER CO., LTD.

Jack Ro
General Manager



Date : October 1st,2017



GB POWER
GB POWER CO.,LTD.

Add: No.18 Industry Road,Huqiao,FengXian
District,ShangHai ,China

Tel : +86 21 58407670 50328119

Fax: +86 21 58999659

Email: info@gbpower.net

[Http://www.gbpower.net](http://www.gbpower.net)