

## 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-P120/O 120KVA

### SILENT TYPE

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



■ GB-P800/S 800KVA

► **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 connect on exhaust silencer
- Jacket water heater
- Hand Pump eliminate dirty oil

► **ALTERNATOR:STAMFORD/LEROY SOMER/GB POWER**

- Brushless, single bearing, flexie 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/S 500KVA

## TRAILER TYPE

With wheels easy to move in kinds of areas



■ GB-P50/T 50KVA

### ► CANOPY: SILENT TYPE DESIGN/ SUPER SILENT TYPE DESIGN

- All canopy parts designed with modular prinpes
- 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 intergral fuel tank
- Daily fuel tank from 12hour to 24hours
- 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.



## GENERATOR SET SPECIFICATION

| Frequency 50HZ |               |             | PERKINS<br>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 | Open Type        | Silent Type  |
|                |               |             |                                                |             |               |          |             |             |                  |              |
|                | (KVA/KW)      | (KVA/KW)    |                                                | (KW)        | (KW)          |          | (MM)        | (L/H)       | (CM)             | (CM)         |
| GB-P10         | 11 / 8.8      | 10 /8.0     | 403D-11G                                       | 8.5         | 9.3           | 3        | 77*81       | 2.9         | 140*55*110       | 185*100*120  |
| GB-P12.5       | 14/11         | 12.5/10     | 403D-15G                                       | 12          | 13.3          | 3        | 84*90       | 4.1         | 140*55*110       | 185*100*120  |
| GB-P20         | 22/17.6       | 20/16       | 404D-22G                                       | 18.5        | 20.3          | 4        | 84*100      | 6.2         | 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     | 7.6         | 165*75*125       | 250*100*157  |
| GB-P40         | 44/35.2       | 40/32       | 1103A-33TG1                                    | 41.5        | 45.6          | 3        | 105*127     | 10.3        | 175*75*125       | 260*100*157  |
| GB-P45         | 50/40         | 45/36       | 1103A-33TG1                                    | 41.5        | 45.6          | 3        | 105*127     | 11.9        | 175*75*125       | 260*100*157  |
| GB-P50         | 55/44         | 50/40       | 1103A-33TG2                                    | 54          | 59.3          | 3        | 105*127     | 13          | 175*75*125       | 260*100*157  |
| GB-P60         | 66/52         | 60/48       | 1103A-33TG2                                    | 54          | 59.3          | 3        | 105*127     | 15.1        | 175*75*125       | 260*100*157  |
| GB-P65         | 71.5/57.2     | 65/52       | 1104A-44TG1                                    | 58.5        | 64.3          | 4        | 105*127     | 16.2        | 185*90*135       | 281*106*168  |
| GB-P80         | 88/70.4       | 80/64       | 1104A-44TG2                                    | 72          | 79.1          | 4        | 105*127     | 19.9        | 185*90*135       | 281*106*168  |
| GB-P90         | 100/80        | 90/72       | 1006TG1A                                       | 83          | 91.5          | 6        | 100*127     | 21.8        | 230*96*143       | 320*116*184  |
| GB-P100        | 110/88        | 100/80      | 1104A-44TAG2                                   | 91          | 100           | 4        | 100*127     | 21.8        | 230*96*143       | 320*116*184  |
| GB-P135        | 150/120       | 135/103     | 1006TAG                                        | 121         | 133.5         | 6        | 100*127     | 34.2        | 230*96*143       | 320*116*184  |
| GB-P150        | 165/132       | 150/120     | 1006TAG2                                       | 130         | 143           | 6        | 100*127     | 45          | 230*96*143       | 320*116*184  |
| GB-P180        | 198/158.4     | 180/144     | 1106C-E66TAG4                                  | 160         | 175.5         | 6        | 105*127     | 47          | 240*98*160       | 340*120*90   |
| GB-P200        | 220/176       | 200/160     | 1306C-E87TAG3                                  | 181         | 199           | 6        | 116.6*135.9 | 48.5        | 250*100*165      | 350*135*195  |
| GB-P230        | 253/202       | 230/184     | 1306C-E87TAG4                                  | 198         | 217           | 6        | 116.6*135.9 | 48.5        | 250*100*165      | 360*135*195  |
| GB-P250        | 275/220       | 250/200     | 1306C-E87TAG6                                  | 217         | 239           | 6        | 116.6*135.9 | 56.3        | 250*100*165      | 370*135*195  |
| GB-P350        | 385/308       | 350/280     | 2206A-E131TAG2                                 | 305         | 349           | 6        | 130*157     | 84          | 340*115*198      | 440*145*225  |
| GB-P400        | 440/352       | 400/320     | 2206A-E131TAG3                                 | 349         | 392           | 6        | 130*157     | 94          | 340*115*198      | 440*145*225  |
| GB-P450        | 495/396       | 450/360     | 2506C-E15TAG1                                  | 396         | 435           | 6        | 137*171     | 99          | 380*125*210      | 470*155*235  |
| GB-P500        | 550/440       | 500/400     | 2506C-E15TAG2                                  | 435         | 478           | 6        | 137*171     | 114         | 380*125*210      | 470*155*235  |
| GB-P600        | 660/528       | 600/480     | 2806A-E18TAG1A                                 | 522         | 574           | 6        | 145*183     | 134         | 390*160*220      | 606*244*260  |
| GB-P625        | 687.5/550     | 625/500     | 2806C-E18TAG2                                  | 585         | 609           | 6        | 145*183     | 143         | 390*160*220      | 606*244*260  |
| GB-P700        | 770/616       | 700/560     | 4006-23TAG2A                                   | 632         | 695           | 6        | 160*190     | 157         | 460*180*225      | 606*224*260  |
| GB-P775        | 850/682       | 775/620     | 4006-23TAG3A                                   | 679         | 760           | 6        | 160*190     | 172         | 460*180*225      | 606*224*260  |
| GB-P800        | 880/704       | 800/640     | 4008TAG                                        | 715         | 787           | 8        | 160*190     | 172         | 540*165*245      | 606*244*290  |
| GB-P875        | 963/770       | 875/700     | 4008TAG1A                                      | 762         | 839           | 8        | 160*190     | 195         | 540*165*245      | 606*244*290  |
| GB-P1000       | 1100/880      | 1000/800    | 4008TAG2A                                      | 861         | 947           | 8        | 160*190     | 220         | 540*165*245      | 606*244*290  |
| GB-P1125       | 1237/990      | 1125/900    | 4012-46TWG2A                                   | 1044        | 1155          | 12       | 160*190     | 259         | 560*200*245      | 1200*235*320 |
| GB-P1250       | 1375/1100     | 1250/1000   | 4012-46TAG1A                                   | 1148        | 1263          | 12       | 160*190     | 285         | 560*200*245      | 1200*235*320 |
| GB-P1375       | 1512/1210     | 1375/1100   | 4012-46TAG2A                                   | 1267        | 1395          | 12       | 160*190     | 301         | 560*200*245      | 1200*235*320 |
| GB-P1500       | 1650/1320     | 1500/1200   | 4012-46TAG3A                                   | 1440        | 1583          | 12       | 160*190     | 370         | 560*200*245      | 1200*235*320 |
| GB-P1875       | 2062/1650     | 1875/1500   | 4016TAG2A                                      | 1725        | 1886          | 12       | 160*190     | 416         | 560*220*260      | 1200*235*320 |
| GB-P2000       | 2200/1760     | 2000/1600   | 40161TRG3A                                     | 1875        | 2083          | 16       | 160*190     | 437         | 560*220*260      | 1200*235*320 |
| Alternator     |               |             | Stamford /Leroy Smer /Marathon /GB brushless   |             |               |          |             |             |                  |              |



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# 1-60HZ PERKINS

# GENERATOR SET SPECIFICATION

| Frequency 60HZ |               |             | PERKINS<br>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 | Open Type        | Silent Type  |
|                | (KVA/KW)      | (KVA/KW)    |                                                |             |               |          |             |             |                  |              |
|                |               |             |                                                | (KW)        | (KW)          |          | (MM)        | (L/H)       | (CM)             | (CM)         |
| GB-P10         | 11/8.8        | 10/8        | 403D-11G                                       | 10.3        | 11.4          | 3        | 77*81       | 3.8         | 140*55*110       | 205*100*120  |
| GB-P15         | 17.5/14       | 15/12       | 403D-15G                                       | 14.4        | 15.9          | 3        | 84*90       | 4.8         | 140*55*110       | 205*100*120  |
| GB-P25         | 27.5/22       | 25/20       | 404D-22G                                       | 21.6        | 23.9          | 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-P35         | 39/31         | 35/28       | 1103A-33G                                      | 32.2        | 35.4          | 3        | 105*127     | 8.6         | 165*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-P63         | 70/55         | 63/50       | 1103A-33TG2                                    | 61.2        | 67.5          | 3        | 105*127     | 16.6        | 175*75*125       | 260*100*157  |
| GB-P75         | 82.5/66       | 75/60       | 1104D-44TG1                                    | 68.6        | 75.5          | 4        | 105*127     | 16.9        | 185*90*135       | 281*106*163  |
| GB-P90         | 100/80        | 90/72       | 1104D-44TG2                                    | 82          | 90.2          | 4        | 105*127     | 23.6        | 185*90*135       | 281*106*163  |
| GB-P113        | 124/99        | 113/90      | 1104D-E44TAG2                                  | 100         | 110           | 4        | 105*127     | 29.7        | 190*900*140      | 281*106*163  |
| GB-P150        | 165/132       | 150/120     | 1106D-E66TAG2                                  | 138.4       | 155.3         | 6        | 105*127     | 41.5        | 240*98*160       | 340*135*195  |
| GB-P165        | 182/145       | 165/132     | 1106D-E66TAG3                                  | 146.4       | 163.4         | 6        | 105*127     | 41.5        | 240*98*160       | 340*135*195  |
| GB-P200        | 220/176       | 200/160     | 1106D-E66TAG4                                  | 177.3       | 196.3         | 6        | 105*127     | 48          | 240*98*160       | 340*135*195  |
| GB-P225        | 248/198       | 225/180     | 1306C-E87TAG3                                  | 201         | 220           | 6        | 116.6*135.9 | 51.5        | 250*100*165      | 350*135*195  |
| GB-P250        | 268/215       | 250/200     | 1306C-E87TAG4                                  | 213         | 235           | 6        | 116.6*135.9 | 54.4        | 250*100*165      | 350*135*195  |
| GB-P375        | 413/330       | 375/300     | 2206A-E13TAG5                                  | 349         | 381           | 6        | 130*157     | 83          | 340*115*198      | 440*145*225  |
| GB-P438        | 481/385       | 438/350     | 2206A-E13TAG6                                  | 381         | 435           | 6        | 130*157     | 75          | 340*115*198      | 440*145*225  |
| GB-P500        | 550/440       | 500/400     | 2506D-E15TAG1                                  | 435         | 490           | 6        | 137*171     | 113         | 380*125*210      | 470*155*235  |
| GB-P562        | 619/495       | 562/450     | 2506D-E15TAG3                                  | 495         | 543           | 6        | 137*171     | 120         | 380*125*210      | 470*155*235  |
| GB-P625        | 688/550       | 625/500     | 2806A-E18TAG1A                                 | 543         | 598           | 6        | 145*183     | 127         | 390*160*220      | 606*244*260  |
| GB-P680        | 750/600       | 680/545     | 2806A-E18TAG3                                  | 592         | 652           | 6        | 145*183     | 144         | 390*160*220      | 606*244*260  |
| GB-P725        | 798/638       | 725/580     | 4006-23TAG2A                                   | 640         | 715           | 6        | 160*190     | 177         | 460*180*225      | 606*244*260  |
| GB-P800        | 880/704       | 800/640     | 4006-23TAG3A                                   | 715         | 795           | 6        | 160*190     | 200         | 460*180*225      | 606*244*260  |
| GB-P825        | 907/726       | 825/660     | 4008TAG1                                       | 744         | 821           | 6        | 160*190     | 212         | 540*165*245      | 606*244*290  |
| GB-P900        | 990/792       | 900/720     | 4008TAG2                                       | 838         | 924           | 8        | 160*190     | 212         | 540*165*245      | 606*244*290  |
| GB-P1250       | 1375/1100     | 1250/1000   | 4012-46TWG2A                                   | 1044        | 1155          | 12       | 160*190     | 260         | 540*165*245      | 606*244*290  |
| GB-P1250       | 1512/1210     | 1375/1100   | 401246TAG1A                                    | 1153        | 1267          | 12       | 160*190     | 288         | 560*200*245      | 1200*235*320 |
| GB-P1375       | 1512/1210     | 1375/1100   | 401246TAG2A                                    | 1272        | 1399          | 12       | 160*190     | 301         | 560*200*245      | 1200*235*320 |
| GB-P1500       | 1650/1320     | 1500/1200   | 401246TAG3A                                    | 1440        | 1583          | 12       | 160*190     | 361         | 560*200*245      | 1200*235*320 |
| Alternator     |               |             | Stamford /Leroy Somer /Marathon /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.



## GENERATOR SET SPECIFICATION

| Frequency 50HZ                                                                    |               |             | CUMMINS<br>Diesel Engine(Water Cooled 1500RPM) |             |               |          |             |             | Dimension(L*W*H) |                |
|-----------------------------------------------------------------------------------|---------------|-------------|------------------------------------------------|-------------|---------------|----------|-------------|-------------|------------------|----------------|
| Genset Model                                                                      | Standby Power | Prime Power |                                                |             |               |          |             |             | Open Type        |                |
|                                                                                   | (KVA/KW)      | (KVA/KW)    | Engine Model                                   | Prime Power | Standby Power | Cylinder | Bore*Stroke | Consumption | (CM)             | (CM)           |
| GB-C25                                                                            | 28/22         | 25/20       | 4B3.9-G                                        | 24          | 27            | 4        | 102*120     | 7.6         | 182*76*123       | 220*104*158    |
| GB-C35                                                                            | 39/31         | 35/28       | 4BT3.9-G1                                      | 36          | 40            | 4        | 102*120     | 7.6         | 182*76*123       | 220*104*158    |
| GB-C40                                                                            | 44/35         | 40/32       | 4BT3.9-G2                                      | 36          | 40            | 4        | 102*120     | 7.8         | 182*76*123       | 220*104*158    |
| GB-C50                                                                            | 55/44         | 50/40       | 4BTA3.9-G2                                     | 50          | 60            | 4        | 102*120     | 12.6        | 182*76*123       | 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-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         | 297           | 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-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     | KTA33-G2                                       | 664         | 731           | 12       | 159*159     | 161.8       | 450*178*243      | 20ft container |
| GB-C800                                                                           | 880/704       | 800/640     | KTA38-G2B                                      | 711         | 789           | 12       | 159*159     | 160.2       | 450*178*243      | 20ft container |
| GB-C900                                                                           | 1000/800      | 900/720     | KTA38-G2A                                      | 813         | 895           | 12       | 159*159     | 182.4       | 450*178*243      | 20ft container |
| GB-C1000                                                                          | 1100/880      | 1000/800    | KTA33-G5                                       | 880         | 970           | 12       | 159*159     | 199.4       | 450*178*243      | 20ft container |
| GB-C1125                                                                          | 1237/990      | 1125/900    | KTA33-G9                                       | 990         | 1089          | 12       | 159*159     | 256         | 450*210*220      | 20ft container |
| GB-C1250                                                                          | 1375/1100     | 1250/1000   | KTA38-G9A                                      | 1080        | 1190          | 16       | 159*159     | 260         | 500*210*230      | 20ft container |
| GB-C1400                                                                          | 1540/1232     | 1400/1120   | KTA50-G3                                       | 1200        | 1320          | 16       | 159*159     | 288         | 500*210*230      | 20ft container |
| GB-C1500                                                                          | 1650/1320     | 1500/1200   | KTA50-GS8                                      | 1287        | 1429          | 16       | 159*159     | 308         | 500*210*230      | 20ft container |
| Alternator                          Stamford /Leroy Somer /Marathon /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.



## GENERATOR SET SPECIFICATION

| Frequency 60HZ |               |             | CUMMINS<br>Diesel Engine(Cummins 1800RPM)     |             |               |          |             |             | Dimension(L*W*H) |                |
|----------------|---------------|-------------|-----------------------------------------------|-------------|---------------|----------|-------------|-------------|------------------|----------------|
| Genset Model   | Standby Power | Prime Power | Engine Model                                  | Prime Power | Standby Power | Cylinder | Bore*Stroke | Consumption | 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*123       | 220*90*110     |
| GB-C30         | 33/26.4       | 30/24       | 4B3.9-G2                                      | 27          | 30            | 4        | 102*120     | 6           | 182*76*123       | 220*90*110     |
| GB-C40         | 44/35.2       | 40/32       | 4BT3.9-G1                                     | 40          | 44            | 4        | 102*120     | 13          | 182*76*123       | 220*104*158    |
| GB-C63         | 69/55         | 63/50       | 4BTA3.9-G1                                    | 59          | 65            | 4        | 102*120     | 15          | 182*76*123       | 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-C140        | 154/123       | 140/112     | 6BTAA5.9-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-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 container |
| GB-C900        | 990/792       | 900/720     | KTA33-G2                                      | 814         | 895           | 12       | 159*159     | 182         | 455*210*232      | 20ft container |
| GB-C1000       | 1100/880      | 1000/800    | KTA38-G2A                                     | 915         | 1007          | 12       | 159*159     | 200         | 455*210*232      | 20ft container |
| GB-C1125       | 1238/990      | 1125/900    | KTA33-G4                                      | 1011        | 1112          | 12       | 159*159     | 232         | 455*210*232      | 20ft container |
| GB-C1350       | 1375/1100     | 1250/1000   | KTA33-G9                                      | 1110        | 1220          | 12       | 159*159     | 266         | 500*220*220      | 20ft container |
| GB-C1500       | 1650/1320     | 1500/1200   | KTA50-G9                                      | 1384        | 1657          | 16       | 159*159     | 330         | 500*220*220      | 20ft container |
| Alternator     |               |             | Stamford /Leroy Somer /Marathon /GB brushless |             |               |          |             |             |                  |                |



## WATER COOLED DEUTZ

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.







## AIR COOLED DEUTZ

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.



## GENERATOR SET SPECIFICATION

| Frequency 50HZ |                                               |             | DEUTZ<br>Diesel Engine(Air Cooled 1500RPM) |             |               |          |             |             | Dimension(L*W*H) |             |
|----------------|-----------------------------------------------|-------------|--------------------------------------------|-------------|---------------|----------|-------------|-------------|------------------|-------------|
| Genset Model   | Standby Power                                 | Prime Power | Engine Model                               | Prime Power | Standby Power | Cylinder | Bore*Stroke | Consumption | Open Type        | Silent Type |
|                |                                               |             |                                            |             |               |          |             |             |                  |             |
|                | (KVA/KW)                                      | (KVA/KW)    |                                            | (KW)        | (KW)          |          | (MM)        | (L/H)       | (CM)             | (CM)        |
| GB-DA15        | 18/14                                         | 15/12       | F2L912                                     | 14          | 16            | 2        | 100*120     | 3.76        | 145*78*115       | 210*106*131 |
| GB-DA20        | 23/18                                         | 20/16       | F3L912                                     | 24          | 26.4          | 3        | 100*120     | 6.29        | 160*78*120       | 210*106*131 |
| GB-DA25        | 28/22                                         | 25/20       | F3L913                                     | 25          | 27.5          | 3        | 102*125     | 6.55        | 160*78*120       | 210*106*131 |
| GB-DA30        | 34/27                                         | 30/24       | F4L912                                     | 32          | 35            | 4        | 100*120     | 8.24        | 180*78*120       | 220*115*140 |
| GB-DA38        | 41/33                                         | 38/30       | F4L913                                     | 34          | 37            | 4        | 102*125     | 8.76        | 180*78*120       | 220*115*140 |
| GB-DA50        | 56/45                                         | 50/40       | F6L912                                     | 48          | 53            | 6        | 100*120     | 12.36       | 250*84*126       | 290*115*155 |
| GB-DA62        | 68/55                                         | 62/50       | F6L913                                     | 61          | 67            | 6        | 100*120     | 15.7        | 250*84*126       | 290*115*155 |
| GB-DA82        | 68/55                                         | 62/50       | F6L912T                                    | 61          | 67            | 6        | 100*120     | 15.7        | 250*84*126       | 290*115*155 |
| GB-DA90        | 88/70                                         | 80/64       | BF6L913C                                   | 74          | 81            | 6        | 100*120     | 18.4        | 250*84*126       | 290*115*155 |
| GB-DA113       | 124/99                                        | 113/90      | F8L413F                                    | 103         | 114           | 8        | 100*120     | 24.2        | 268*100*160      | 300*120*180 |
| GB-DA150       | 165/132                                       | 150/120     | BF8L513                                    | 147         | 162           | 8        | 100*120     | 34.55       | 268*100*160      | 300*120*180 |
| GB-DA188       | 206/165                                       | 188/150     | BF8L513C                                   | 176         | 194           | 8        | 100*120     | 41.4        | 268*100*160      | 300*120*180 |
| Alternator     | Stamford /Leroy Somer /Marathon /GE brushless |             |                                            |             |               |          |             |             |                  |             |

## GENERATOR SET SPECIFICATION

| Frequency 60HZ |               |             | DEUTZ<br>Diesel Engine(Air Cooled 1800RPM)    |             |               |          |             |             | Dimension(L*W*H) |             |
|----------------|---------------|-------------|-----------------------------------------------|-------------|---------------|----------|-------------|-------------|------------------|-------------|
| Genset Model   | Standby Power | Prime Power | Engine Model                                  | Prime Power | Standby Power | Cylinder | Bore*Stroke | Consumption | Open Type        | Silent Type |
|                |               |             |                                               |             |               |          |             |             |                  |             |
|                | (KVA/KW)      | (KVA/KW)    |                                               | (KW)        | (KW)          |          | (MM)        | (L/H)       | (CM)             | (CM)        |
| GB-DA17.5      | 20/16         | 17.5/14     | F2L912                                        | 17          | 19            | 2        | 100*120     | 4.57        | 145*78*115       | 210*106*131 |
| GB-DA30        | 33/26         | 30/24       | F3L912                                        | 29          | 32            | 3        | 100*120     | 7.6         | 160*78*120       | 210*106*131 |
| GB-DA33        | 35/28         | 33/26       | F3L913                                        | 31          | 34            | 3        | 102*125     | 8.12        | 160*78*120       | 210*106*131 |
| GB-DA43        | 45/38         | 43/34       | F4L913                                        | 40          | 44            | 4        | 102*125     | 10.3        | 180*78*120       | 220*115*140 |
| GB-DA50        | 55/44         | 50/40       | F4L912T                                       | 48          | 53            | 4        | 100*120     | 12.3        | 180*78*120       | 220*115*140 |
| GB-DA60        | 66/53         | 60/48       | BF4L913                                       | 55          | 60.5          | 4        | 102*125     | 13.6        | 250*84*126       | 290*115*155 |
| GB-DA63        | 69/55         | 63/50       | F6L912                                        | 60          | 66            | 6        | 100*120     | 15.4        | 250*84*126       | 290*115*155 |
| GB-DA70        | 75/60         | 70/56       | F6L913                                        | 65          | 71.5          | 6        | 102*125     | 16.7        | 250*84*126       | 290*115*155 |
| GB-DA76        | 84/67         | 76/61       | F6L912T                                       | 72          | 79.2          | 6        | 100*120     | 18.55       | 250*84*126       | 290*115*155 |
| GB-DA94        | 104/83        | 94/75       | BF6L913                                       | 88          | 97            | 6        | 102*125     | 22.7        | 268*100*160      | 300*120*180 |
| GB-DA113       | 125/100       | 113/90      | BF6L913C                                      | 105         | 116           | 6        | 102*125     | 26.4        | 268*100*160      | 300*120*180 |
| GB-DA30        | 88/70         | 80/64       | BF6L913C                                      | 74          | 81            | 6        | 100*120     | 18.4        | 250*84*126       | 290*115*155 |
| GB-DA113       | 124/99        | 113/90      | F8L413F                                       | 103         | 114           | 8        | 100*120     | 24          | 268*100*160      | 300*120*180 |
| GB-DA150       | 165/132       | 150/120     | BF8L513                                       | 162         | 178           | 8        | 100*120     | 38          | 268*100*160      | 300*120*180 |
| GB-DA188       | 206/165       | 188/150     | BF8L513C                                      | 194         | 213           | 8        | 100*120     | 45.5        | 268*100*160      | 300*120*180 |
| Alternator     |               |             | Stamford /Leroy Scmer /Marathon /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.



| Frequency 60HZ |               |             | ISUZU<br>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 |                  |            |
|                | (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 /Leroy Scmer /Marathon /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.





## 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.



## GENERATOR SET SPECIFICATION

| Frequency 50HZ                                                                    |               |             | GB POWER<br>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 | 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                                                                             | 56/53         | 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 /Leroy Somer /Marathon /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.



## GENERATOR SET SPECIFICATION

| Frequency 60HZ |                                               |             | GB POWER<br>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 | 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*103       | 180*85*110  |
| GB-16          | 21/16.8                                       | 16/13.5     | GB480D                                          | 17          | 18.7          | 4        | 80*90       | 4.78        | 166*73*103       | 200*95*115  |
| GB-20          | 22/17.6                                       | 20/16       | GB485D                                          | 20          | 22            | 4        | 85*90       | 5.54        | 166*73*103       | 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*133       | 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           |          | 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 /Leroy Somer /Marathon /GB brushless |             |                                                 |             |               |          |             |             |                  |             |

## HIGH VOLTAGE GENERATOR SET



GBH series High Voltage generator set powered by Cummins or Perkins, 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 GB POWER          |                  |                      |
| VOLTAGE CHOICE 6.3KVA /10.5KVA/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 GB POWER          |                  |                      |
| VOLTAGE CHOICE 6.3KVA /10.5KVA/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<br>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<br>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                                                                |                   |                   |

## CONTAINERIZED POWER STATION



|                                 | 20 Feet                                | 40 Feet                     | 40 HQ                        |
|---------------------------------|----------------------------------------|-----------------------------|------------------------------|
| Size(L×W×H,mm)                  | 6053×2438×2591                         | 12192×2438×2591             | 12192×2438×2896              |
| Qty of Diesel Generators inside | 1 set -2 sets                          | 2 sets -4 sets              | 2 sets - 4 sets              |
| Min Prime Output(KVA)           |                                        | 80KVA=4×20KVA Generators    | 80KVA=4×20KVA Generators     |
| Max Prime Output(KVA)           | 750KVA=1×750KVA Generators             | 1500KVA=2×750KVA Generators | 2850KVA=2×1425KVA Generators |
| Power Supply Way                | Either independent, or Synchronization |                             |                              |
| Sound Level                     | 78-84 db @ 1 meter                     |                             |                              |

## 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 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 protections function, which can keep whole pump set working under smoothly

| Diesel Pump Model | Rated Capacity(m <sup>3</sup> /h) | Rated Head(m) | Rated Speed (r/min) | 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

Automatic Synchronization 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 synchronize by manual, then to distribute or transfer actual power;
6. The safety protecting function including over current, over loading, high voltage or low voltage.



## **AUTOMATIC TRANSFER SYSTEM(ATS)**



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 be failure,generator set will starting 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.