



To Create A Better Today For A Brighter Tomorrow
開創優良現在，建設更美好明天

GENSETS
發電機組

Generating Sets



Generating Sets is an important component of power engineering business. We provide various kind of generating sets. Apart from the standard gensets, we also design and provide tailor made gensets according to the requirements of our clients

We provide customized solution to our customers, including:

- **marine gensets**
- **natural gas gensets**
- **heavy oil gensets**
- **high voltage gensets (50Hz or 60Hz)**

In view of various needs of our customers, we also provide:

1. auto start system
2. auto switch system
3. Remotes Systems
 - Remote Control
 - Remote Monitor
 - Remote communication system
 - Parallel switch system



Product range: 5KVA – 5000 KVA

Engine

- Volvo (瑞典)
- Mitsubishi (日本)
- Cummins (美國)
- Deutz (德國)
- Daewoo (韓國)

Type of Generating Sets

1. Soundproofed Generating Sets
2. Trailer Generating Sets
3. Container Generating Sets
4. Deepfreeze Trailer Type
5. Gantry Generating Sets



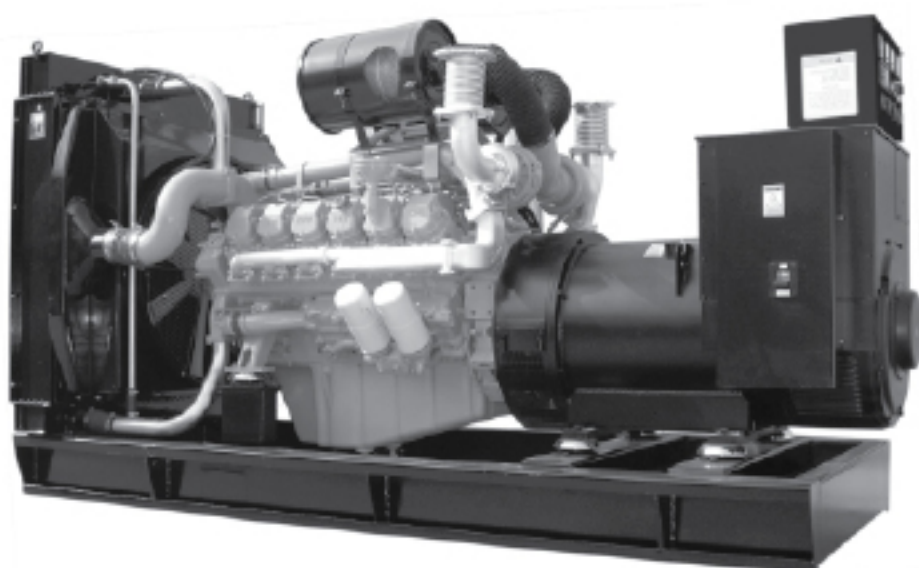
Our Markets

With the high quality and competitive price of our generating sets, our products are used in various fields:

- telecommunication
- national defense
- military industry
- broadcasting and TV
- oil
- industry
- traffic
- civil aviation

Our Network

We have exported our generating sets all over the world like South East Asia. In order to cope with our expansion to African countries, we have sold more than 100 generating sets to Madagascar from 2008-2009



Type of Generating Sets



1. Sound Proof Generating Sets

- Utilize special design and technology to reduce the noise to 50DB
- Using sound absorbing material and effective muffle
- Combined type of framework which is easy to install and repair
- The base frame is designed and assembled with shock absorber
- Using the circumfluence style passageway to reduce noise of intake and outtake
- Inspection windows of panel for inspection of the generator

2. Mobile Generating Sets

- Equipped in one or axes, two or four wheels according to the output power of Genset
- Equipped with elastic shock absorbers, braking device for safety and security
- Highly integrative structure
- Equipped with sealed and waterproof enclosure and shutters for safety under any condition
- Trailer equips with brake system, lighting system and connection joints
- Battery and fuel tank for 4-8 hours consumption
- Cable reel, tie-in separately will be supplied according to customer requirement

3. Container Generating Sets

- Generating sets in different kinds of standardized containers for efficient transport, shipping, handling and operation
- Container dimension according to ISO international transport standard
- Accessories will be supplied
- Buffer space for operation

4. Automobile Generating Sets

- Fixed on Vehicle, which provide flexibility and mobility to power supply
- Soundproof and waterproof canopy for durative power supply under any weather condition
- Equipped with fuel tank for daily use and cable reel

5. GANTRY GENERATING SET

- mainly used as power source of hanging in port, dock etc

6. OTHER TYPES

Tailor made and customized design generating sets are available. Our generating sets are widely used in:

- power station
- refrigerated container
- square store house
- generating set of army
- estate generating set

7. ELECTRICITY CAPABILITY OF DIESEL GENERATING SETS

- Upto the GB2820.3 & ISO 8525 G3 Class standard, and meet the requirement of YD/T502- "Technical Requirement of Special Diesel Generating Set for Telecom"
- generating sets with voltage from 416-480V, 380V or 190 V will be supplied according to customers' specific needs



8. CONTROL BOX

- Manual/Automatic start & Stop Controller
- Various Monitor Meter and Optional Switch
- Remote Control Interface and Remote Monitor/Remote Sense/Remote Meter (Optional)
- MCCB for short circuit & Overload (optional)
- High water temperature alarm, low oil pressure alarm, over speed alarm and other kind of alarm

9. STANDARD SCOPE OF SUPPLY

Diesel Generating Sets include:

- Diesel Engine (with all standard accessories, filters and electric system)
- Radiator (with water tank and fan)
- Alternator
- Control Panel
- Steel Base Frame

10. OTHER STANDARD PARTS

- Effective Muffle
- Exhaust Elbow
- Storage Battery and Connection
- Wires
- Shock absorber
- Technical documents

11. OPTIONAL EQUIPMENTS

- Auxiliary device for starting at low temperature
- ATS (Automatic Transfer Switch)
- Genset combined device
- Water forewarmer
- Moisture eliminator of alternator
- Various kind of monitoring system
- Remote Monitoring System
- Fuel tank for daily use or base frame fuel tank

12. OTHER KIND OF SPECIAL EQUIPMENT

- Soundproof canopy
- Mobile generating set
- Container generating set
- power station for refrigerated container
- Gantry Generating Set





Characteristics of Our Genset

1. AUTOMATIC CHARGER OF MAINS SUPPLY BATTER

- Use to charge when genset is in waiting condition, ensure the power of start battery is enough

2. FUEL TANK FOR ROUTINE TIME

- 300L-2000L, ensure the ordinary supply

3. EFFECTIVE MUFFLE

- To satisfy the requirement of environmental protection, we offer assembly of high effective muffle to deaden noise, circle sound deadening to achieve better effect

4. SPARE PARTS

- We can provide spare parts for more than 1000-5000 hours according to customer's requirements



FAST LOOKUP LIST OF GENREATING SET FOR 50Hz

| SERIES | SPECIFICATION | | MODEL | |
|--------------------|---------------|-----|-------|-----|
| Yanmar (Japan) | 5 | KVA | FLZ | 5 |
| | 8 | KVA | FLZ | 8 |
| | 10 | KVA | FLZ | 10 |
| | 13 | KVA | FLZ | 13 |
| | 14 | KVA | FLZ | 14 |
| | 17 | KVA | FLZ | 17 |
| | 20 | KVA | FLZ | 20 |
| | 34 | KVA | FLZ | 34 |
| | 40 | KVA | FLZ | 40 |
| | 50 | KVA | FLZ | 50 |
| Cummins (Dongfeng) | 56 | KVA | FLZ | 56 |
| | 25 | KVA | FLC | 25 |
| | 38 | KVA | FLC | 38 |
| | 50 | KVA | FLC | 50 |
| | 63 | KVA | FLC | 63 |
| | 80 | KVA | FLC | 80 |
| | 93 | KVA | FLC | 93 |
| | 100 | KVA | FLC | 100 |
| | 112 | KVA | FLC | 112 |
| | 130 | KVA | FLC | 130 |
| | 150 | KVA | FLC | 150 |
| | 188 | KVA | FLC | 188 |
| | 200 | KVA | FLC | 200 |
| Volvo (Sweden) | 250 | KVA | FLC | 250 |
| | 85 | KVA | FLV | 85 |
| | 100 | KVA | FLV | 100 |
| | 130 | KVA | FLV | 130 |
| | 150 | KVA | FLV | 150 |
| | 183 | KVA | FLV | 183 |
| | 200 | KVA | FLV | 200 |
| | 250 | KVA | FLV | 250 |
| | 325 | KVA | FLV | 325 |
| | 375 | KVA | FLV | 375 |
| | 400 | KVA | FLV | 400 |
| | 450 | KVA | FLV | 450 |
| | 500 | KVA | FLV | 500 |
| | 575 | KVA | FLV | 575 |
| | 625 | KVA | FLV | 625 |

| SERIES | SPECIFICATION | | MODEL | |
|----------------------|---------------|-----|-------|------|
| Mitsubishi (Japan) | 625 | KVA | FLM | 625 |
| | 750 | KVA | FLM | 750 |
| | 940 | KVA | FLM | 940 |
| | 1060 | KVA | FLM | 1060 |
| | 1275 | KVA | FLM | 1275 |
| | 1375 | KVA | FLM | 1375 |
| | 1500 | KVA | FLM | 1500 |
| | 1750 | KVA | FLM | 1750 |
| | 1875 | KVA | FLM | 1875 |
| | 2000 | KVA | FLM | 2000 |
| Cummins (Chong Qing) | 250 | KVA | FLC | 250 |
| | 312 | KVA | FLC | 312 |
| | 350 | KVA | FLC | 350 |
| | 375 | KVA | FLC | 375 |
| | 400 | KVA | FLC | 400 |
| | 450 | KVA | FLC | 450 |
| | 500 | KVA | FLC | 500 |
| | 562 | KVA | FLC | 562 |
| | 625 | KVA | FLC | 625 |
| | 750 | KVA | FLC | 750 |
| | 900 | KVA | FLC | 900 |
| | 1000 | KVA | FLC | 1000 |
| | 1250 | KVA | FLC | 1250 |
| Daewoo | 200 | KVA | FLD | 200 |
| | 275 | KVA | FLD | 275 |
| | 312 | KVA | FLD | 312 |
| | 375 | KVA | FLD | 375 |
| | 400 | KVA | FLD | 400 |
| | 450 | KVA | FLD | 450 |
| | 500 | KVA | FLD | 500 |
| | 575 | KVA | FLD | 575 |
| | 625 | KVA | FLD | 625 |
| | 750 | KVA | FLD | 750 |

FAST LOOKUP LIST OF GENREATING SET FOR 60Hz

| Series | Specification | | Model | |
|--------------------|---------------|-----|----------|-----|
| Volvo (Sweden) | 132 | KVA | RLV132 | -60 |
| | 146 | KVA | RLV146X | -60 |
| | 206 | KVA | RLV206 | -60 |
| | 228 | KVA | RLV228S | -60 |
| | 225 | KVA | RLV225 | -60 |
| | 250 | KVA | RLV250S | -60 |
| | 250 | KVA | RLV250 | -60 |
| | 275 | KVA | RLV275S | -60 |
| | 285 | KVA | RLV285 | -60 |
| | 312 | KVA | RLV312S | -60 |
| | 344 | KVA | RLV344 | -60 |
| | 375 | KVA | RLV375S | -60 |
| | 400 | KVA | RLV400 | -60 |
| | 440 | KVA | RLV440S | -60 |
| | 450 | KVA | RLV450 | -60 |
| | 500 | KVA | RLV500S | -60 |
| | 512 | KVA | RLV512 | -60 |
| | 562 | KVA | RLV562S | -60 |
| | 575 | KVA | RLV575 | -60 |
| | 640 | KVA | RLV640S | -60 |
| | 625 | KVA | RLV625 | -60 |
| | 688 | KVA | RLV688S | -60 |
| | 688 | KVA | RLV688S | -60 |
| | 750 | KVA | RLV750S | -60 |
| Yanmar (Japan) | 6.3/6.9 | KVA | RLZ7 | -60 |
| | 9/10 | KVA | RLZ9 | -60 |
| | 12/13.2 | KVA | RLZ12 | -60 |
| | 15/16.5 | KVA | RLZ15 | -60 |
| | 17.3/19 | KVA | RLZ18 | -60 |
| | 20/22 | KVA | RLZ20 | -60 |
| | 25/27.5 | KVA | RLZ25 | -60 |
| | 40/44 | KVA | RLZ40 | -60 |
| | 50/55 | KVA | RLZ50 | -60 |
| | 57.5/63.5 | KVA | RLZ58 | -60 |
| Chong Qing Cummins | 67.5/75 | KVA | RLZ68 | -60 |
| | 312 | KVA | RLC312 | -60 |
| | 344 | KVA | RLC344S | -60 |
| | 344 | KVA | RLC344 | -60 |
| | 375 | KVA | RLC375S | -60 |
| | 400 | KVA | RLC400 | -60 |
| | 440 | KVA | RLC440S | -60 |
| | 450 | KVA | RLC450 | -60 |
| | 500 | KVA | RLC500S | -60 |
| | 510 | KVA | RLC510 | -60 |
| | 562 | KVA | RLC562S | -60 |
| | 565 | KVA | RLC565 | -60 |
| | 625 | KVA | RLC625S | -60 |
| | 625 | KVA | RLC625 | -60 |
| | 688 | KVA | RLC688S | -60 |
| | 688 | KVA | RLC688 | -60 |
| | 750 | KVA | RLC750S | -60 |
| | 775 | KVA | RLC775 | -60 |
| | 850 | KVA | RLC850S | -60 |
| | 910 | KVA | RLC910 | -60 |
| | 1000 | KVA | RLC1000S | -60 |
| | 1140 | KVA | RLC1140 | -60 |
| | 1250 | KVA | RLC1250S | -60 |

| Series | Specification | | Model | |
|--------------------|---------------|-----|---------|-----|
| Cummins (Dongfeng) | 28 | KVA | RLC28 | -60 |
| | 30 | KVA | RLC30S | -60 |
| | 45 | KVA | RLC45 | -60 |
| | 50 | KVA | RLC50S | -60 |
| | 56 | KVA | RLC56 | -60 |
| | 63 | KVA | RLC63S | -60 |
| | 70 | KVA | RLC70 | -60 |
| | 77 | KVA | RLC77S | -60 |
| | 85 | KVA | RLC85 | -60 |
| | 94 | KVA | RLC94S | -60 |
| | 100 | KVA | RLC100 | -60 |
| | 110 | KVA | RLC110S | -60 |
| | 118 | KVA | RLC118 | -60 |
| | 130 | KVA | RLC130S | -60 |
| | 138 | KVA | RLC138 | -60 |
| | 150 | KVA | RLC150S | -60 |
| | 163 | KVA | RLC163 | -60 |
| | 180 | KVA | RLC180S | -60 |
| | 188 | KVA | RLC188 | -60 |
| | 206 | KVA | RLC206S | -60 |
| | 220 | KVA | RLC220 | -60 |
| | 240 | KVA | RLC240S | -60 |
| | 250 | KVA | RLC250 | -60 |
| | 275 | KVA | RLC275S | -60 |
| Daewoo | 23 | KVA | RLD23 | -60 |
| | 25 | KVA | RLD25S | -60 |
| | 30 | KVA | RLD30 | -60 |
| | 33 | KVA | RLD33S | -60 |
| | 56 | KVA | RLD56 | -60 |
| | 63 | KVA | RLD63S | -60 |
| | 70 | KVA | RLD70 | -60 |
| | 77 | KVA | RLD77S | -60 |
| | 100 | KVA | RLD100 | -60 |
| | 110 | KVA | RLD110S | -60 |
| | 138 | KVA | RLD138 | -60 |
| | 150 | KVA | RLD150S | -60 |
| | 225 | KVA | RLD225 | -60 |
| | 250 | KVA | RLD250S | -60 |
| | 312 | KVA | RLD312 | -60 |
| | 344 | KVA | RLD344S | -60 |
| | 344 | KVA | RLD344 | -60 |
| | 375 | KVA | RLD375S | -60 |
| | 410 | KVA | RLD410 | -60 |
| | 450 | KVA | RLD450S | -60 |
| | 450 | KVA | RLD450 | -60 |
| | 500 | KVA | RLD500S | -60 |
| | 500 | KVA | RLD500 | -60 |
| | 550 | KVA | RLD550S | -60 |
| | 565 | KVA | RLD565 | -60 |
| | 625 | KVA | RLD625S | -60 |
| | 640 | KVA | RLD640 | -60 |
| | 700 | KVA | RLD700S | -60 |
| | 675 | KVA | RLD675 | -60 |
| | 750 | KVA | RLD750S | -60 |
| | 825 | KVA | RLD825S | -60 |

VOLVO PENTA

50Hz & 60 Hz



Characteristics

1. Perfect performance on load changing and reliable & prompt function of start
2. Low resistance turbocharger and prompt oil spraying system, recover to the natural state promptly when carrying high load
3. Heater is installed in the pipe of intake air to make it easy to start the Genset at low temptation
4. Low noise & steady running
5. Assembled with the optimized shockproof base frame, the most suited turbocharger and low speed cooling fan
6. Low exhaust emission, low expense
7. thickness of exhaust emission is smaller than 1 Bosch. Low fuel consumption
8. Frame is small and more accurate
9. Volvo has built up genuine International Fitting Parts Center and Worldwide Service Net to provide the customer with round-the-clock support all over the world

Power Generation

- VP Series Generating Sets with VOLVO Engine
- Power Range: 85KVA-625 KVA(Prime)
- Voltage Rating: 400/230V
- Phase: 3 Phases 4 Wires
- Frequency: 50Hz
- Power Factor: 0.8 (lag)

Technical Specification of VP Series Diesel Generating Sets

| Genset Model | Output Power | | Diesel Engine | | | | | | | | | Dimension & Weight | |
|--------------|--------------|-----|---------------|--------------------------|-------------------------------------|-------------|----------------|---------------|-------------------|------------------------------|----------------------------|--------------------|------------|
| | Prime Power | | Engine Model | Fuel Consumption (g/kwh) | Lubrication oil consumption (g/kwh) | Cylinder NO | Displacement L | Bore x Stroke | Compression Ratio | Lubrication oil capacity (L) | Cooling Water Capacity (L) | Net Dimension (mm) | Net Weight |
| | KVA | KW | | | | | | | | | | L x W x H | kg |
| VP85 | 85 | 68 | TD520GE | 213 | 0.07 | 4 | 4.76 | 108x130 | 17.5:1 | 13 | 19 | 2100x750x1400 | 1000 |
| VP100 | 100 | 80 | TAD531GE | 218 | 0.08 | 4 | 4.76 | 108x130 | 18:1 | 13 | 19.7 | 2100x750x1400 | 1100 |
| VP130 | 130 | 104 | TAD532GE | 214 | 0.08 | 4 | 4.76 | 108x130 | 18:1 | 13 | 20.2 | 2100x750x1400 | 1150 |
| VP150 | 150 | 120 | TAD731GE | 215 | 0.1 | 6 | 7.15 | 108x130 | 18:1 | 20 | 23.8 | 2610x800x1400 | 1400 |
| VP183 | 183 | 146 | TAD732GE | 213 | 0.09 | 6 | 7.15 | 108x130 | 18:1 | 34 | 38.4 | 2610x1100x1600 | 1700 |
| VP200 | 200 | 160 | TAD733GE | 216 | 0.09 | 6 | 7.15 | 108x130 | 18:1 | 34 | 38.4 | 2610x1100x1600 | 1750 |
| VP250 | 250 | 200 | TAD734GE | 204 | 0.01 | 6 | 7.15 | 108x130 | 17:1 | 29 | 32 | 2610x1100x1600 | 1950 |
| VP325 | 325 | 260 | TAD941GE | 202 | 0.04 | 6 | 9.26 | 120x138 | 17.4:1 | 35 | 41 | 2900x1200x1600 | 2550 |
| VP375 | 375 | 300 | TAD1241GE | 198 | 0.11 | 6 | 12.13 | 131x150 | 17.5:1 | 35 | 44 | 3000x1200x1600 | 2650 |
| VP400 | 400 | 320 | TAD1242GE | 199 | 0.12 | 6 | 12.13 | 131x150 | 17.5:1 | 35 | 44 | 3000x1200x1600 | 2700 |
| VP450 | 450 | 360 | TAD1640GE | 200 | 0.1 | 6 | 16.12 | 144x165 | 17.5:1 | 48 | 60 | 3200x1200x1900 | 3200 |
| VP500 | 500 | 400 | TAD1641GE | 199 | 0.1 | 6 | 16.12 | 144x165 | 16.5:1 | 48 | 60 | 3200x1200x1900 | 3250 |
| VP575 | 575 | 460 | TAD1642GE | 201 | 0.1 | 6 | 16.12 | 144x165 | 16.5:1 | 48 | 60 | 3300x1200x1900 | 3350 |
| VP625 | 625 | 500 | TWD1643GE | 199 | 0.1 | 6 | 16.12 | 144x165 | 16.5:1 | 48 | 128 | 3300x1350x1930 | 3800 |

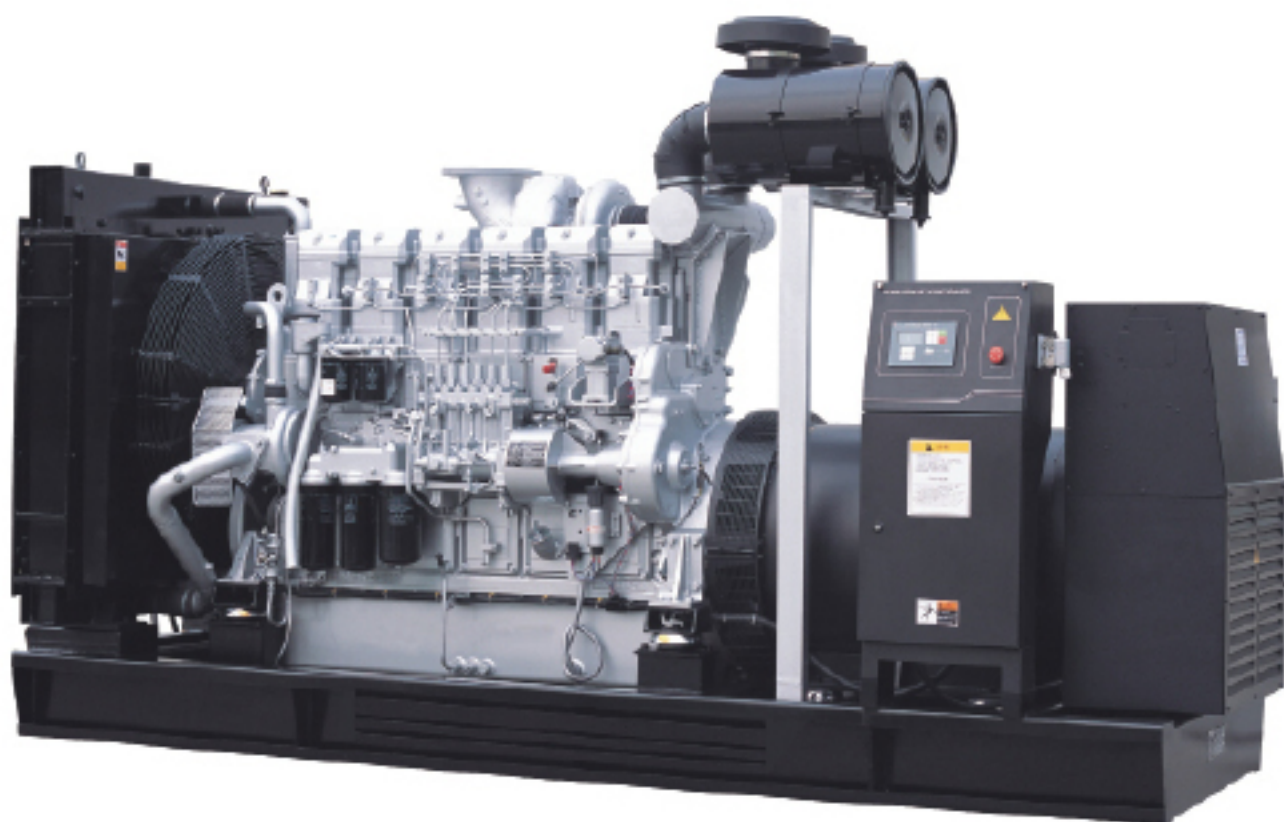
Characteristics

- Power Range: 132KVA-688KVA (Prime)
- Voltage Rating: 208/240V
- Phase: 3 Phases 4 Wires
- Frequency: 60Hz
- Power Factor: 0.8 (lag)

Technical Specification of VP Series Diesel Generating Sets

| Genset Model | Output Power | | Diesel Engine | | | | | | | | | | Dimension & Weight | |
|--------------|--------------|-----|---------------|--------------------------|-------------------------------------|-------------|----------------|---------------|-------------------|-------------------------|----------------------------|-------------------|--------------------|------------|
| | Prime Power | | Model | Fuel Consumption (g/kwh) | Lubrication oil consumption (g/kwh) | Cylinder NO | Displacement L | Bore x Stroke | Compression Ratio | Engine oil capacity (L) | Cooling Water Capacity (L) | Speed Governor | Net Dimension (mm) | Net Weight |
| | KVA | KW | | | | | | | | | | | LxWxH | kg |
| VP132-60 | 132 | 106 | TAD532GE | 222 | 0.54 | 4 | 4.76 | 108x130 | 18:1 | 13 | 20.2 | Electric Injector | 2100x750x1400 | 1150 |
| VP146X-60 | 146 | 117 | | | | | | | | | | | | |
| VP206-60 | 206 | 165 | TAD732GE | 218 | 0.43 | 6 | 7.15 | 108x130 | 18:1 | 34 | 38.4 | Electric Injector | 2500x1100x1600 | 1700 |
| VP228S-60 | 228 | 182 | | | | | | | | | | | | |
| VP225-60 | 225 | 180 | TAD733GE | 222 | 0.39 | 6 | 7.15 | 108x130 | 18:1 | 34 | 38.4 | Electric Injector | 2500x1100x1600 | 1750 |
| VP250S-60 | 250 | 200 | | | | | | | | | | | | |
| VP250-60 | 250 | 200 | TAD734GE | 205 | 0.03 | 6 | 7.15 | 108x130 | 17:1 | 29 | 32 | Electric Injector | 2610x1100x1600 | 1950 |
| VP275S-60 | 275 | 220 | | | | | | | | | | | | |
| VP285-60 | 285 | 228 | TAD940GE | 205 | 0.12 | 6 | 9.36 | 120x138 | 20.2:1 | 35 | 41 | Electric Injector | 2900x1200x1600 | 2550 |
| VP312S-60 | 312 | 250 | | | | | | | | | | | | |
| VP344-60 | 344 | 275 | TAD941GE | 205 | 0.11 | 6 | 9.36 | 120x138 | 17.4:1 | 35 | 41 | Electric Injector | 2900x1200x1600 | 2550 |
| VP375S-60 | 375 | 300 | | | | | | | | | | | | |
| VP400-60 | 400 | 320 | TAD1241GE | 202 | 0.28 | 6 | 12.13 | 131x150 | 17.5:1 | 35 | 44 | Electric Injector | 3000x1200x1600 | 2650 |
| VP440S-60 | 440 | 352 | | | | | | | | | | | | |
| VP450-60 | 450 | 360 | TAD1242GE | 206 | 0.29 | 6 | 12.13 | 131x150 | 17.5:1 | 35 | 44 | Electric Injector | 3000x1200x1600 | 2700 |
| VP500S-60 | 500 | 400 | | | | | | | | | | | | |
| VP512-60 | 512 | 410 | TAD1640GE | 202 | 0.19 | 6 | 16.12 | 144x165 | 17.5:1 | 48 | 60 | Electric Injector | 3200x1200x1900 | 3200 |
| VP562S-60 | 562 | 450 | | | | | | | | | | | | |
| VP575-60 | 575 | 460 | TAD1641GE | 206 | 0.18 | 6 | 16.12 | 144x165 | 16.5:1 | 48 | 60 | Electric Injector | 3200x1200x1900 | 3250 |
| VP640S-60 | 640 | 512 | | | | | | | | | | | | |
| VP625-60 | 625 | 500 | TAD1642GE | 209 | 0.17 | 6 | 16.12 | 144x165 | 16.5:1 | 48 | 60 | Electric Injector | 3300x1200x1900 | 3350 |
| VP688S-60 | 688 | 550 | | | | | | | | | | | | |
| VP688S-60 | 688 | 550 | TWD1643GE | 202 | 0.17 | 6 | 16.12 | 144x165 | 16.5:1 | 48 | 128 | Electric Injector | 3300x1350x1930 | 3800 |
| VP750S-60 | 750 | 600 | | | | | | | | | | | | |

MITSUBISHI



Characteristics

1. Steady & Credible running
2. high shock resistance
3. Strong load resistance
4. sufficient output power
5. low oil consumption
6. low emission
7. easy and cheap maintenance
8. small and light figure

Power Generation

- Power Range: 625KVA-2000KVA (Prime)
- Voltage Rating: 400/230V
- Phase: 3 Phases 4 Wires
- Frequency: 50Hz
- Power Factor: 0.8 (lag)

Technical Specification of VPM Series Diesel Generating Sets

| Genset Model | Output Power | | Diesel Engine | | | | | | | | | Dimension & Weight | |
|--------------|--------------|------|---------------|--------------------------|-------------------------------------|-------------|----------------|---------------|-------------------|------------------------------|----------------------------|--------------------|------------|
| | Prime Power | | Engine Model | Fuel Consumption (g/kwh) | Lubrication oil consumption (g/kwh) | Cylinder NO | Displacement L | Bore x Stroke | Compression Ratio | Lubrication oil capacity (L) | Cooling Water Capacity (L) | Net Dimension (mm) | Net Weight |
| | KVA | KW | | | | | | | | | | LxWxH | kg |
| VPM625 | 625 | 500 | S6RPTA | 206 | 0.8 | 6 | 24.51 | 170x180 | 14:1 | 100 | 113 | 3450x1410x2150 | 4890 |
| VPM675 | 675 | 540 | S6R2PTA | 205 | 0.8 | 6 | 29.96 | 170x220 | 14:1 | 100 | 118 | 3800x1410x2150 | 5100 |
| VPM750 | 750 | 600 | S6R2PTAA | 211 | 1.1 | 6 | 29.96 | 170x220 | 14:1 | 100 | 141 | 4000x1700x2000 | 5580 |
| VPM800 | 800 | 640 | S12A2PTA | 214 | 0.81 | 12 | 33.93 | 150x160 | 14.5:1 | 120 | 215 | 4000x1600x1960 | 6200 |
| VPM940 | 940 | 750 | S12HPTA | 206 | 0.8 | 12 | 37.11 | 150x175 | 14:1 | 200 | 244 | 4600x1700x2400 | 7820 |
| VPM1060 | 1060 | 850 | S12HPTA | 206 | 0.8 | 12 | 37.11 | 150x175 | 14:1 | 200 | 244 | 4600x1700x2400 | 8160 |
| VPM1275 | 1275 | 1020 | S12RPTA | 205 | 0.8 | 12 | 49.03 | 170x180 | 14:1 | 180 | 335 | 4600x2100x2450 | 9370 |
| VPM1375 | 1375 | 1100 | S12RPTA2 | 205 | 0.8 | 12 | 49.03 | 170x180 | 13.5:1 | 180 | 305 | 4700x2100x2610 | 10480 |
| VPM1500 | 1500 | 1200 | S12RPTAA2 | 205 | 0.8 | 12 | 49.03 | 170x180 | 13.5:1 | 180 | 317 | 5000x2200x3000 | 11450 |
| VPM1750 | 1750 | 1400 | S16RPTA | 207 | 0.8 | 16 | 65.37 | 170x180 | 14:1 | 230 | 350 | 5450x1820x2800 | 12300 |
| VPM1875 | 1875 | 1500 | S16RPTA2 | 207 | 0.8 | 16 | 65.37 | 170x180 | 13.5:1 | 230 | 445 | 5600x2600x3100 | 12450 |
| VPM2000 | 2000 | 1600 | S16RPTAA2 | 207 | 0.8 | 16 | 65.37 | 170x180 | 13.5:1 | 230 | 400 | 6000x2450x3450 | 14500 |

CUMMINS CHONG QING

50Hz & 60 Hz



Characteristics

1. M 11 Series Engine complied with Europe I, Europe II and Europe III displacement standard
2. high standard with competitive price

Power Generation

- Power Range: 250KVA-1250KVA
- Voltage Rating: 400/230V
- Phase: 3 Phases 4 Wires
- Frequency: 50Hz
- Power Factor: 0.8 (lag)

Technical Specification of VPC Series Diesel Generating Sets

| Genset Model | Output Power | | Diesel Engine | | | | | | | | | | Dimension & Weight | |
|--------------|--------------|------|---------------|--------------------------|-------------------------------------|-------------|----------------|---------------|-------------------|------------------------------|----------------------------|--------------------|--------------------|--|
| | Prime Power | | Engine Model | Fuel Consumption (g/kwh) | Lubrication oil consumption (g/kwh) | Cylinder NO | Displacement L | Bore x Stroke | Compression Ratio | Lubrication oil capacity (L) | Cooling Water Capacity (L) | Net Dimension (mm) | Net Weight | |
| | KVA | KW | | | | | | | | | | LxWxH | kg | |
| VPC250 | 250 | 200 | MTA1-G2A | 209 | 0.24 | 6 | 10.8 | 125x147 | 16:1 | 34 | 63 | 2800x1160x1600 | 2300 | |
| VPC312 | 312 | 250 | MTAA11-G3 | 188 | 0.24 | 6 | 10.8 | 125x147 | 15:1 | 37 | 63 | 2800x1160x1600 | 2300 | |
| VPC350 | 350 | 280 | NTA855-G2A | 208 | 1 | 6 | 14 | 140x152 | 14:1 | 37 | 63 | 3100x1000x1600 | 2850 | |
| VPC375 | 375 | 300 | NTAA855-G7 | 206 | 0.7 | 6 | 12 | 140x152 | 14:1 | 37 | 63 | 3100x1400x1600 | 2950 | |
| VPC400 | 400 | 320 | NTAA855-G7A | 206 | 0.7 | 6 | 12 | 140x152 | 14:1 | 37 | 63 | 3100x1400x1600 | 3000 | |
| VPC450 | 450 | 360 | KTA19-G3 | 205 | 0.96 | 6 | 18.9 | 159x159 | 14.5:1 | 50 | 91 | 3700x1400x2000 | 3850 | |
| VPC500 | 500 | 400 | KTA19-G4 | 203 | 1.02 | 6 | 18.9 | 159x159 | 14.5:1 | 50 | 91 | 3700x1400x2000 | 3900 | |
| VPC562 | 562 | 450 | KTAA19-G5 | 204 | 1.12 | 6 | 18.9 | 159x159 | 13.5:1 | 50 | 91 | 3700x2000x2300 | 4200 | |
| VPC625 | 625 | 500 | KTAA19-G6A | 206 | 1.37 | 6 | 18.9 | 159x159 | 13.5:1 | 50 | 91 | 3700x2000x2300 | 4250 | |
| VPC750 | 750 | 600 | KTA38-G2 | 214 | 1.14 | 6 | 37.8 | 159x159 | 14.5:1 | 135 | 308 | 4600x1700x2500 | 6800 | |
| VPC900 | 900 | 720 | KTA38-G2A | 215 | 1.08 | 12 | 37.8 | 159x159 | 14.5:1 | 135 | 308 | 4600x1700x2500 | 6850 | |
| VPC1000 | 1000 | 800 | KTA38-G5 | 202 | 1.07 | 12 | 37.8 | 159x159 | 13.9:1 | 135 | 308 | 4900x1900x2500 | 7750 | |
| VPC1250 | 1250 | 1000 | KTAA38-G9A | 202 | 0.86 | 12 | 37.8 | 159x159 | 13.9:1 | 135 | 308 | 5000x1900x2500 | 9400 | |

Characteristics

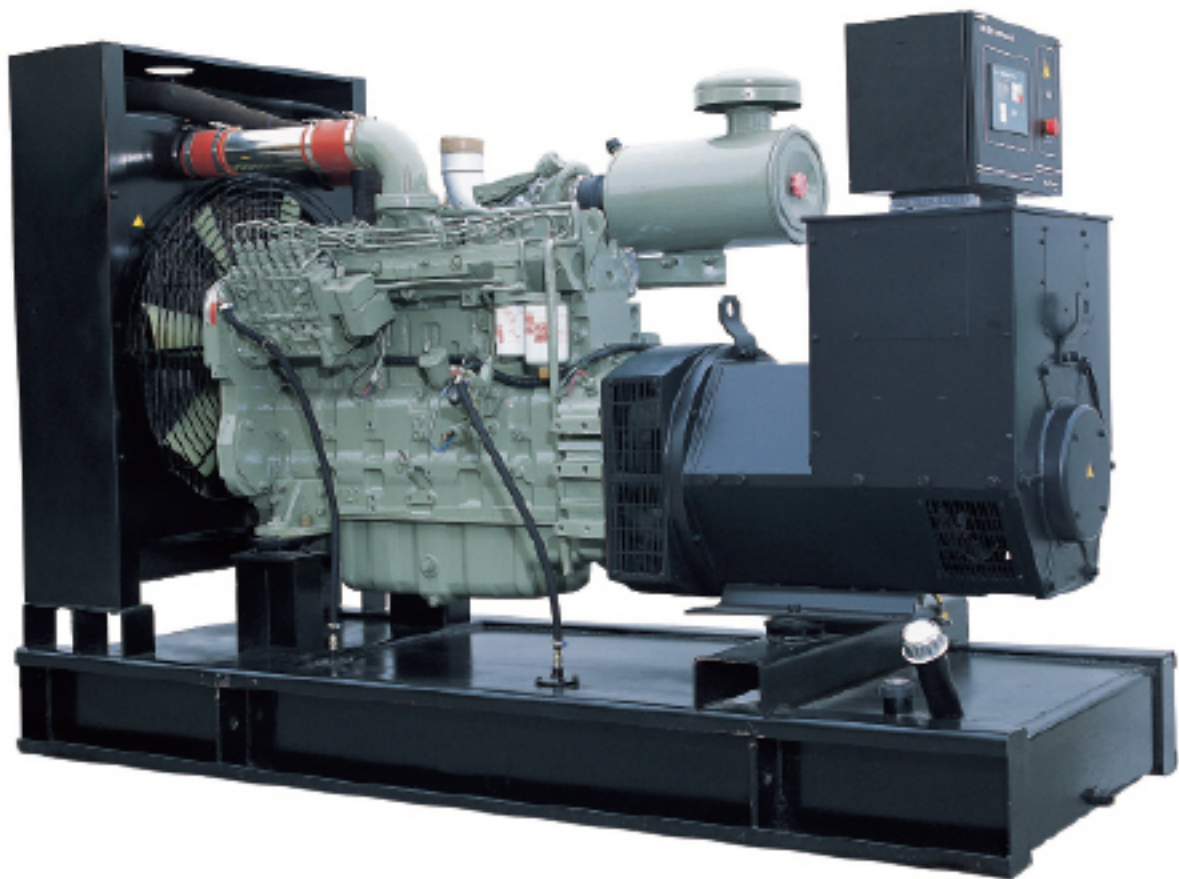
- Power Range: 312KVA-1250KVA (Prime)
- Voltage Rating: 208/240V
- Phase: 3 Phases 4 Wires
- Frequency: 60Hz
- Power Factor: 0.8 (lag)

Technical Specification of VPC Series Diesel Generating Sets

| Genset Model | Output Power | | Diesel Engine | | | | | | | | | Dimension & Weight | |
|--------------|--------------|------|---------------|--------------------------|-------------------------------------|-------------|----------------|---------------|-------------------|------------------------------|----------------------------|--------------------|------------|
| | Prime Power | | Model | Fuel Consumption (g/kwh) | Lubrication oil consumption (g/kwh) | Cylinder NO | Displacement L | Bore x Stroke | Compression Ratio | Lubrication oil capacity (L) | Cooling Water Capacity (L) | Net Dimension (mm) | Net Weight |
| | KVA | KW | | | | | | | | | | LxWxH | kg |
| VPC312-60 | 312 | 250 | NTA855-G1 | 204 | 0.74 | 6 | 14 | 140x152 | 14.5:1 | 37 | 63 | 3100x1000x1600 | 2600 |
| VPC344S-60 | 344 | 275 | | | | | | | | | | | |
| VPC344-60 | 344 | 275 | NTA855-G1B | 204 | 0.74 | 6 | 14 | 140x152 | 14:1 | 37 | 63 | 3100x1000x1600 | 2650 |
| VPC375S-60 | 375 | 300 | | | | | | | | | | | |
| VPC400-60 | 400 | 320 | NTA855-G3 | 207 | 1 | 6 | 14 | 140x152 | 14:1 | 37 | 63 | 3100x1000x1600 | 2850 |
| VPC440S-60 | 440 | 352 | | | | | | | | | | | |
| VPC450-60 | 450 | 360 | KTA19-G2 | 215 | 0.96 | 6 | 18.9 | 159x159 | 13.9:1 | 50 | 91 | 3700x1400x2000 | 3850 |
| VPC500S-60 | 500 | 400 | | | | | | | | | | | |
| VPC510-60 | 510 | 408 | KTA19-G3 | 205 | 0.96 | 6 | 18.9 | 159x159 | 14.5:1 | 50 | 91 | 3700x1400x2000 | 3850 |
| VPC562S-60 | 562 | 450 | | | | | | | | | | | |
| VPC565-60 | 565 | 452 | KTA19-G4 | 211 | 1.02 | 6 | 18.9 | 159x159 | 14.5:1 | 50 | 91 | 3700x1400x2000 | 3900 |
| VPC625S-60 | 625 | 500 | | | | | | | | | | | |
| VPC625-60 | 625 | 500 | KTAA19-G5 | 204 | 1.12 | 6 | 18.9 | 159x159 | 13.5:1 | 50 | 91 | 3700x1400x2300 | 4200 |
| VPC688S-60 | 688 | 550 | | | | | | | | | | | |
| VPC688-60 | 688 | 550 | KTAA19-G6A | 206 | 1.37 | 6 | 18.9 | 159x159 | 13:1 | 50 | 91 | 3700x1400x2300 | 4250 |
| VPC750S-60 | 750 | 600 | | | | | | | | | | | |
| VPC775-60 | 775 | 620 | KTA38-G | 197 | 1.14 | 12 | 37.8 | 159x159 | 15.5:1 | 135 | 308 | 4600x1700x2500 | 6800 |
| VPC850S-60 | 850 | 680 | | | | | | | | | | | |
| VPC910-60 | 910 | 728 | KTA38-G2 | 214 | 1.14 | 12 | 37.8 | 159x159 | 14.5:1 | 135 | 308 | 4600x1700x2500 | 6800 |
| VPC1000S-60 | 1000 | 800 | | | | | | | | | | | |
| VPC1140-60 | 1140 | 912 | KTA38-G4 | 205 | 1.07 | 12 | 37.8 | 159x159 | 13.9:1 | 135 | 308 | 4600x1700x2500 | 7750 |
| VPC1250S-60 | 1250 | 1000 | | | | | | | | | | | |

CUMMINS DONG FENG

50Hz & 60 Hz



Characteristics

1. The B, C Series Engine is complied with Europe II displacement standard of mobile machine which is non road using
2. B, C, L series (electronic controlling) are complied with Europe II, Europe III displacement standard
3. High quality and competitive price

Power Generation

- Power Range: 25KVA-250KVA (Prime)
- Voltage: 400/230V
- Phase: 3 Phases 4 Wires
- Frequency: 50Hz
- Power Factor: 0.8 (lag)

Technical Specification of VP Series Diesel Generating Sets

| Genset Model | Output Power | | Diesel Engine | | | | | | | | | | Dimension & Weight | |
|--------------|--------------|-----|---------------|--------------------------|-------------------------------------|-------------|----------------|---------------|-------------------|------------------------------|----------------------------|--------------------|--------------------|--|
| | Prime Power | | Engine Model | Fuel Consumption (g/kwh) | Lubrication oil consumption (g/kwh) | Cylinder NO | Displacement L | Bore x Stroke | Compression Ratio | Lubrication oil capacity (L) | Cooling Water Capacity (L) | Net Dimension (mm) | Net Weight | |
| | KVA | KW | | | | | | | | | | L x W x H | kg | |
| VPC25 | 25 | 20 | 4B3.9-G2 | 229 | 1 | 4 | 3.92 | 102x120 | 16.5:1 | 11 | 17.9 | 1800x750x1200 | 650 | |
| VPC38 | 38 | 30 | 4BT3.9-G2 | 214 | 1 | 4 | 3.92 | 102x120 | 16.5:1 | 11 | 17.9 | 1800x750x1200 | 700 | |
| VPC50 | 50 | 40 | 4BTA3.9-G2 | 215 | 0.95 | 4 | 3.92 | 102x120 | 16.5:1 | 11 | 17.9 | 1900x800x1200 | 800 | |
| VPC63 | 63 | 50 | 4BTA3.9-G2 | 215 | 0.95 | 4 | 3.92 | 102x120 | 16.5:1 | 11 | 17.9 | 1900x800x1200 | 850 | |
| VPC80 | 80 | 64 | 6BT5.9-G2 | 215 | 0.92 | 6 | 5.9 | 102x120 | 17.5:1 | 16 | 24.6 | 2300x900x1300 | 1050 | |
| VPC93 | 93 | 75 | 6BT5.9-G2 | 215 | 0.92 | 6 | 5.9 | 102x120 | 17.5:1 | 16 | 24.6 | 2300x900x1300 | 1100 | |
| VPC100 | 100 | 80 | 6BT5.9-G2 | 215 | 0.92 | 6 | 5.9 | 102x120 | 17.5:1 | 16 | 24.6 | 2400x900x1300 | 1100 | |
| VPC112 | 112 | 90 | 6BTAA5.9-G2 | 215 | 0.96 | 6 | 5.9 | 102x120 | 16.5:1 | 16 | 26 | 2400x900x1300 | 1150 | |
| VPC130 | 130 | 104 | 6BTAA5.9-G2 | 215 | 0.96 | 6 | 5.9 | 102x120 | 16.5:1 | 16 | 26 | 2400x900x1300 | 1150 | |
| VPC150 | 150 | 120 | 6CTA8.3-G2 | 210 | 0.84 | 6 | 8.3 | 114x135 | 16.5:1 | 24 | 28 | 2500x900x1400 | 1450 | |
| VPC188 | 188 | 150 | 6CTA8.3-G2 | 210 | 0.84 | 6 | 8.3 | 114x135 | 16.5:1 | 24 | 28 | 2500x900x1400 | 1650 | |
| VPC200 | 200 | 160 | 6CTAA8.3-G2 | 210 | 0.78 | 6 | 8.3 | 114x135 | 16:1 | 24 | 31 | 2500x1000x1400 | 1650 | |
| VPC225 | 225 | 180 | 6LTAA8.9-G2 | 197 | 0.8 | 6 | 8.9 | 114x145 | 18:1 | 27.6 | 50 | 2800x1000x1600 | 2000 | |
| VPC250 | 250 | 200 | 6LTAA8.9-G2 | 197 | 0.8 | 6 | 8.9 | 114x145 | 18:1 | 27.6 | 50 | 2800x1000x1600 | 2000 | |

Characteristics

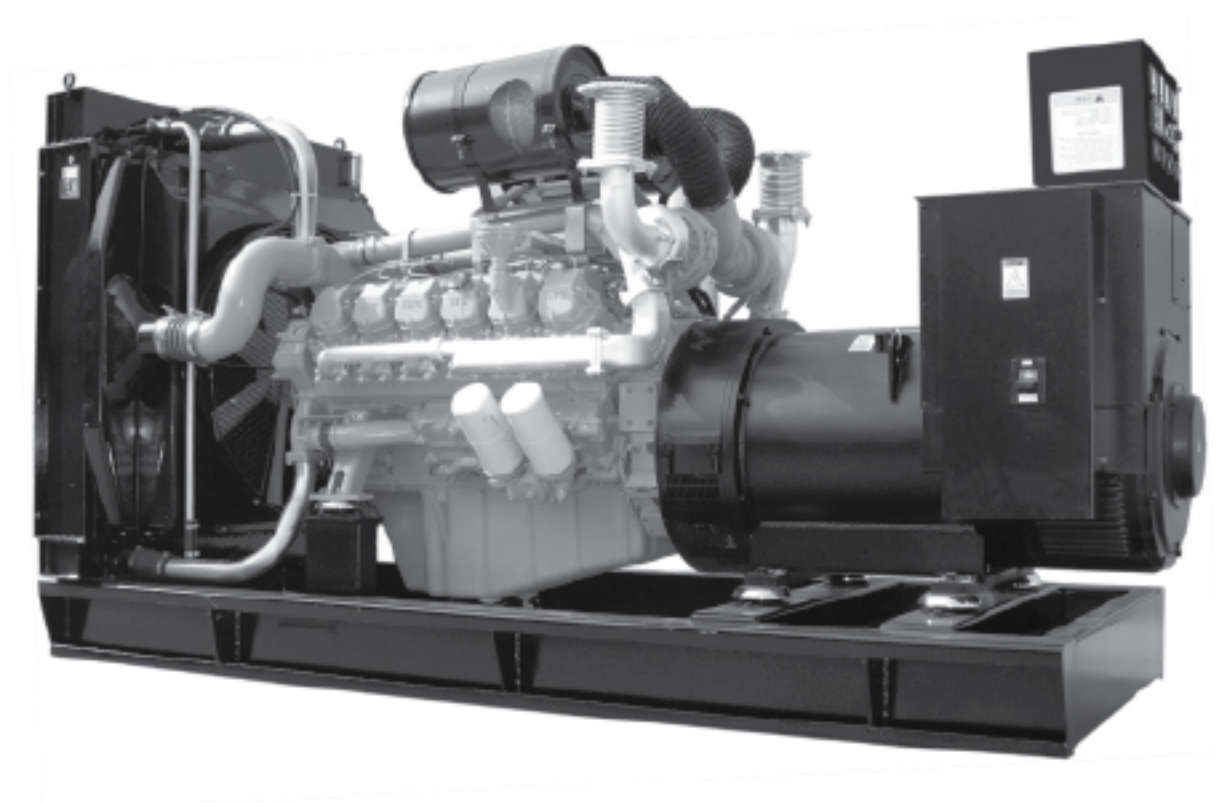
- Power Range: 28KVA-250KVA (Prime)
- Voltage Rating: 208/240V
- Phase: 3 Phases 4 Wires
- Frequency: 60Hz
- Power Factor: 0.8 (lag)

Technical Specification of VPC Series Diesel Generating Sets

| Genset Model | Output Power | | Diesel Engine | | | | | | | | | Dimension & Weight | |
|--------------|--------------|-----|---------------|--------------------------|----------------|-------------|----------------|---------------|-------------------|-------------------------|----------------------------|--------------------|------------|
| | Prime Power | | Model | Fuel Consumption (g/kwh) | Speed Governor | Cylinder NO | Displacement L | Bore x Stroke | Compression Ratio | Engine oil capacity (L) | Cooling Water Capacity (L) | Net Dimension (mm) | Net Weight |
| | KVA | KW | | | | | | | | | | L x W x H | kg |
| VPC28-60 | 28 | 22 | 4BT3.9-G2 | 229 | Electronic | 4 | 3.9 | 102x120 | 16.5:1 | 11 | 17.9 | 1800x800x1200 | 650 |
| VPC30S-60 | 30 | 24 | | | | | | | | | | | |
| VPC45-60 | 45 | 36 | | | | | | | | | | | |
| VPC50S-60 | 50 | 40 | | | | | | | | | | | |
| VPC56-60 | 56 | 45 | 4BTA3.9-G2 | 209 | Electronic | 4 | 3.9 | 102x120 | 16.5:1 | 11 | 17.9 | 1900x800x1200 | 850 |
| VPC63S-60 | 63 | 50 | | | | | | | | | | | |
| VPC70-60 | 70 | 56 | 4BTA3.9-G2 | 220 | Electronic | 6 | 5.9 | 102x120 | 17.5:1 | 16 | 24.6 | 2300x900x1300 | 1050 |
| VPC77S-60 | 77 | 62 | | | | | | | | | | | |
| VPC85-60 | 85 | 68 | 6BT5.9-G2 | 220 | Electronic | 6 | 5.9 | 102x120 | 17.5:1 | 16 | 24.6 | 2300x900x1300 | 1100 |
| VPC94S-60 | 94 | 75 | | | | | | | | | | | |
| VPC100-60 | 100 | 80 | 6BT5.9-G2 | 220 | Electronic | 6 | 5.9 | 102x120 | 17.5:1 | 16 | 24.6 | 2400x900x1300 | 1100 |
| VPC110S-60 | 110 | 88 | | | | | | | | | | | |
| VPC118-60 | 118 | 94 | 6BTAA5.9-G2 | 220 | Electronic | 6 | 5.9 | 102x120 | 16.5:1 | 16 | 26 | 2400x900x1300 | 1150 |
| VPC130S-60 | 130 | 104 | | | | | | | | | | | |
| VPC138-60 | 138 | 110 | 6BTAA5.9-G2 | 220 | Electronic | 6 | 5.9 | 102x120 | 16.5:1 | 16 | 26 | 2400x900x1300 | 1150 |
| VPC150S-60 | 150 | 120 | | | | | | | | | | | |
| VPC163-60 | 163 | 130 | 6CTA8.3-G2 | 219 | Electronic | 6 | 8.3 | 114x135 | 16.5:1 | 24 | 28 | 2500x900x1400 | 1450 |
| VPC180S-60 | 180 | 144 | | | | | | | | | | | |
| VPC188-60 | 188 | 150 | 6CTA8.3-G2 | 219 | Electronic | 6 | 8.3 | 114x135 | 16.5:1 | 24 | 28 | 2500x900x1400 | 1650 |
| VPC206S-60 | 206 | 165 | | | | | | | | | | | |
| VPC220-60 | 220 | 175 | 6CTAA8.3-G2 | 210 | Electronic | 6 | 8.3 | 114x135 | 16:1 | 24 | 31 | 2500x900x1400 | 1650 |
| VPC240S-60 | 240 | 192 | | | | | | | | | | | |
| VPC250-60 | 250 | 200 | 6CTAA8.9-G2 | 199 | Electronic | 6 | 8.9 | 114x135 | 18:1 | 27.6 | 50 | 2800x1000x1600 | 2000 |
| VPC275S-60 | 275 | 220 | | | | | | | | | | | |

DAEWOO

50Hz & 60 Hz



Characteristics

1. Perfect performance on load changing
2. low resistance turbocharger and prompt oil spraying system, recover to the natural state promptly when carrying high load
3. Low noise and safety running
4. Assembled with the optimized shockproof base frame, suited turbocharger and low speed cooling fan
5. Low Exhaust emission, low expenses
6. thickness of exhaust emission is smaller than 1 Bosch. Low fuel consumption
7. Delicate appearance
8. frame is small and size is more accurate

Power Generation

- Power Range: 200KVA-750KVA (Prime)
- Voltage Rating: 400/230V
- Phase: 3 Phases 4 Wires
- Frequency: 50Hz
- Power Factor: 0.8 (lag)

Technical Specification of VPD Series Diesel Generating Sets

| Genset Model | Output Power | | Diesel Engine | | | | | | | | | Dimension & Weight | |
|--------------|--------------|-----|---------------|--------------------------|-------------------------------------|-------------|----------------|---------------|-------------------|------------------------------|----------------------------|--------------------|------------|
| | Prime Power | | Engine Model | Fuel Consumption (g/kwh) | Lubrication oil consumption (g/kwh) | Cylinder NO | Displacement L | Bore x Stroke | Compression Ratio | Lubrication oil capacity (L) | Cooling Water Capacity (L) | Net Dimension (mm) | Net Weight |
| | KVA | KW | | | | | | | | | | LxWxH | kg |
| VPD200 | 200 | 160 | P086T1 | 202 | 0.9 | 6 | 8.071 | 111x139 | 16.4:1 | 18 | 49 | 2600x1000x1500 | 1750 |
| VPD275 | 275 | 220 | P126T1 | 200 | 0.8 | 6 | 11.051 | 123x155 | 17:1 | 28 | 60 | 3000x1100x1500 | 1950 |
| VPD312 | 312 | 250 | P126T1-II | 202 | 0.8 | 6 | 11.051 | 123x155 | 17:1 | 28 | 60 | 3000x1100x1500 | 2100 |
| VPD375 | 375 | 300 | P158LE-1 | 204 | 0.8 | 8 | 14.618 | 128x142 | 15:1 | 33 | 89 | 3000x1400x1900 | 2400 |
| VPD400 | 400 | 320 | P158LE | 204 | 0.8 | 8 | 14.618 | 128x142 | 15:1 | 33 | 89 | 3000x1400x1900 | 2550 |
| VPD450 | 450 | 360 | P158LE-S | 209 | 0.8 | 8 | 14.618 | 128x142 | 14.6:1 | 33 | 89 | 3000x1400x1900 | 2750 |
| VPD500 | 500 | 400 | P180LE-S | 205 | 0.8 | 10 | 18.273 | 128x142 | 14.6:1 | 40 | 94 | 3200x1400x1900 | 3000 |
| VPD575 | 575 | 460 | P222LE-1 | 200 | 0.8 | 12 | 21.927 | 128x142 | 15:1 | 145 | 113 | 3300x1400x1900 | 3550 |
| VPD625 | 625 | 500 | P222LE | 209 | 0.8 | 12 | 21.927 | 128x142 | 15:1 | 45 | 113 | 3300x1400x1900 | 3600 |
| VPD750 | 750 | 600 | P222LE-II | 212 | 0.8 | 12 | 21.927 | 128x142 | 13.99:1 | 45 | 113 | 3300x1400x1900 | 4000 |

Characteristics

- Power Range: 23KVA-825KVA (Prime)
- Voltage Rating: 208/240V
- Phase: 3 Phases 4 Wires
- Frequency: 60Hz
- Power Factor: 0.8 (lag)

Technical Specification of VPD Series Diesel Generating Sets

| Genset Model | Output Power | | Diesel Engine | | | | | | | | | Dimension & Weight | |
|--------------|--------------|-----|---------------|--------------------------|----------------|-------------|----------------|---------------|-------------------|-------------------------|----------------------------|--------------------|------------|
| | Prime Power | | Model | Fuel Consumption (g/kwh) | Speed Governor | Cylinder NO | Displacement L | Bore x Stroke | Compression Ratio | Engine oil capacity (L) | Cooling Water capacity (L) | Net Dimension (mm) | Net Weight |
| | KVA | KW | | | | | | | | | | LxW xH | kg |
| VPD23-60 | 23 | 18 | DC23 | 263 | Mechanical | 4 | 2.238 | 88x92 | 21:1 | 7 | 17 | 1400x600x850 | 450 |
| VPD25S-60 | 25 | 20 | | | | | | | | | | | |
| VPD30-60 | 30 | 24 | DB33 | 221 | Mechanical | 4 | 3.268 | 102x100 | 17.5:1 | 8 | 25 | 1550x700x900 | 570 |
| VPD33S-60 | 33 | 26 | | | | | | | | | | | |
| VPD56-60 | 56 | 45 | P034T1 | 218 | Mechanical | 4 | 3.268 | 102x100 | 17.2:1 | 9 | 22 | 1900x800x1400 | 680 |
| VPD63S-60 | 63 | 50 | | | | | | | | | | | |
| VPD70-60 | 70 | 56 | DB58 | 217 | Mechanical | 6 | 5.785 | 102x118 | 17.5:1 | 15 | 34 | 2050x800x1000 | 820 |
| VPD77S-60 | 77 | 62 | | | | | | | | | | | |
| VPD100-60 | 100 | 80 | D1146 | 213 | Mechanical | 6 | 8.071 | 111x139 | 17.5:1 | 18 | 34 | 2200x800x1550 | 1050 |
| VPD110S-60 | 110 | 88 | | | | | | | | | | | |
| VPD138-60 | 138 | 110 | D1146T | 214 | Mechanical | 6 | 8.071 | 111x139 | 16.8:1 | 18 | 39 | 2350x800x1250 | 1160 |
| VPD150S-60 | 150 | 120 | | | | | | | | | | | |
| VPD225-60 | 225 | 180 | P086T1 | 214 | Electronic | 6 | 8.071 | 111x139 | 16.4:1 | 18 | 48.5 | 2600x1000x1500 | 1750 |
| VPD250S-60 | 250 | 200 | | | | | | | | | | | |
| VPD312-60 | 312 | 250 | P126T1 | 216 | Electronic | 6 | 11.05 | 123x155 | 17:1 | 28 | 60 | 3000x1100x1500 | 1950 |
| VPD344S-60 | 344 | 275 | | | | | | | | | | | |
| VPD344-60 | 344 | 275 | P126T1-II | 220 | Electronic | 6 | 11.05 | 123x155 | 17:1 | 28 | 60 | 3000x1100x1500 | 2100 |
| VPD375S-60 | 375 | 300 | | | | | | | | | | | |
| VPD410-60 | 410 | 328 | P158LE-1 | 235 | Electronic | 8 | 14.62 | 128x142 | 15:1 | 33 | 88.5 | 3000x1400x1900 | 2400 |
| VPD450S-60 | 450 | 360 | | | | | | | | | | | |
| VPD450-60 | 450 | 360 | P158LE | 219 | Electronic | 8 | 14.62 | 128x142 | 15:1 | 33 | 89 | 3000x1400x1900 | 2550 |
| VPD500S-60 | 500 | 400 | | | | | | | | | | | |
| VPD500-60 | 500 | 400 | P158LE-S | 214 | Electronic | 8 | 14.62 | 128x142 | 14.6:1 | 33 | 88.5 | 3000x1400x1900 | 2750 |
| VPD550S-60 | 550 | 440 | | | | | | | | | | | |
| VPD565-60 | 565 | 452 | P180LE-S | 205 | Electronic | 10 | 18.27 | 128x142 | 14.6:1 | 40 | 94 | 3200x1400x1900 | 3000 |
| VPD625S-60 | 625 | 500 | | | | | | | | | | | |
| VPD640-60 | 640 | 512 | P222LE-1 | 205 | Electronic | 12 | 21.93 | 128x142 | 15:1 | 45 | 113 | 3300x1400x1900 | 3550 |
| VPD700S-60 | 700 | 560 | | | | | | | | | | | |
| VPD675-60 | 675 | 540 | P222LE | 225 | Electronic | 12 | 21.93 | 128x142 | 15:1 | 45 | 113 | 3300x1400x1900 | 3600 |
| VPD750S-60 | 750 | 600 | | | | | | | | | | | |
| VPD825S-60 | 825 | 660 | P222LE-II | 212 | Electronic | 12 | 21.93 | 128x142 | 13.99:1 | 45 | 113 | 3300x1400x1900 | 4000 |

YANMAR

50Hz & 60 Hz



Power Generation

- Power Range: 5KVA-56KVA (Prime)
- Voltage Rating: 400/230V
- Phase: 3 Phases 4 Wires
- Frequency: 50Hz
- Power Factor: 0.8 (lag)

Technical Specification of VPZ Series Diesel Generating Sets

| Genset Model | Output Power | | Diesel Engine | | | | | | | | Dimension & Weight | |
|--------------|--------------|-----------|---------------|--------------------------|----------------|-------------|----------------|---------------|-------------------|------------------------------|--------------------|------------|
| | Prime Power | | Engine Model | Fuel Consumption (g/kwh) | Speed Governor | Cylinder NO | Displacement L | Bore x Stroke | Compression Ratio | Lubrication oil capacity (L) | Net Dimension (mm) | Net Weight |
| | KVA | KW | | | | | | | | | LxWxH | kg |
| VPZ5 | 5.0/5.5 | 4.0/4.4 | 3TNM68-GCE | 265 | Mechanical | 3 | 0.784 | 68x72 | 23.5:1 | 2.5 | 1320x650x1280 | 250 |
| VPZ8 | 8/8.8 | 6.4/7.0 | 3TNV75-GCE | 260 | Mechanical | 3 | 1.116 | 76x82 | 23.5:1 | 3.5 | 1320x650x1280 | 350 |
| VPZ10 | 10/11 | 8/8.8 | 3TNV82A-GCE | 245 | Mechanical | 3 | 1.331 | 82x84 | 23.5:1 | 5.5 | 1320x650x1280 | 400 |
| VPZ13 | 12.5/13.8 | 10/11 | 3TNV88-GCE | 245 | Mechanical | 3 | 1.642 | 88x90 | 19.1:1 | 6.7 | 1320x650x1280 | 400 |
| VPZ14 | 14/16 | 11.6/12.8 | 3TNV84T-GCE | 245 | Mechanical | 3 | 1.496 | 84x90 | 19:1 | 6.7 | 1460x650x1280 | 450 |
| VPZ17 | 17/18.8 | 13.6/15 | 4TNV88-GCE | 245 | Mechanical | 4 | 2.19 | 88x90 | 19.1:1 | 7.4 | 1460x650x1280 | 450 |
| VPZ20 | 20/22 | 16/17.6 | 4TNV84T-GCE | 245 | Mechanical | 4 | 1.995 | 84x90 | 18.9:1 | 7.4 | 1460x650x1280 | 450 |
| VPZ34 | 33.8/38 | 27/30 | 4TNV98-GCE | 231 | Mechanical | 4 | 3.319 | 98x110 | 18.5:1 | 10.5 | 1650x750x1350 | 600 |
| VPZ40 | 40/44 | 32/35.2 | 4TNV98T-GCE | 222 | Mechanical | 4 | 3.319 | 98x110 | 18.1:1 | 10.5 | 1650x750x1350 | 650 |
| VPZ50 | 50/55 | 40/44 | 4TNV106-GCE | 237.6 | Mechanical | 4 | 4.412 | 106x125 | 18:1 | 14 | 1900x750x1500 | 750 |
| VPZ56 | 56.3/62 | 45/49.6 | 4TNV106T-GCE | 220.4 | Mechanical | 4 | 4.412 | 106x125 | 18:1 | 14 | 1900x750x1500 | 800 |

Characteristics

- Power Range: 7KVA-68KVA (Prime)
- Voltage Rating: 208/240V
- Phase: 3 Phases 4 Wires
- Frequency: 60Hz
- Power Factor: 0.8 (lag)

Technical Specification of VPZ Series Diesel Generating Sets

| Genset Model | Output Power | | Diesel Engine | | | | | | | | Dimension & Weight | |
|--------------|--------------|-----------|---------------|--------------------------|----------------|-------------|----------------|---------------|-------------------|------------------------------|--------------------|------------|
| | Prime Power | | Model | Fuel Consumption (g/kwh) | Speed Governor | Cylinder NO | Displacement L | Bore x Stroke | Compression Ratio | Lubrication oil capacity (L) | Net Dimension (mm) | Net Weight |
| | KVA | KW | | | | | | | | | LxWxH | kg |
| VPZ7-60 | 6.3/6.9 | 5/5.5 | 3TNM68-GCE | 265 | Mechanical | 3 | 0.784 | 68x72 | 23.5:1 | 2.5 | 1320x650x1280 | 250 |
| VPZ9-60 | 9/10 | 7.2/8 | 3TNV76-GCE | 260 | Mechanical | 3 | 1.116 | 76x82 | 23.5:1 | 3.5 | 1320x650x1280 | 350 |
| VPZ12-60 | 12/13.2 | 9.6/10.6 | 3TNV82A-GCE | 245 | Mechanical | 3 | 1.331 | 82x84 | 19.2:1 | 5.5 | 1320x650x1280 | 400 |
| VPZ15-60 | 15/16.5 | 12/13.2 | 3TNV88-GCE | 245 | Mechanical | 3 | 1.642 | 88x90 | 19.1:1 | 6.7 | 1320x650x1280 | 400 |
| VPZ18-60 | 17.3/19 | 13.8/15.2 | 3TNV84T-GCE | 245 | Mechanical | 3 | 1.496 | 84x90 | 19:1 | 6.7 | 1460x650x1280 | 450 |
| VPZ20-60 | 20/22 | 16/17.6 | 4TNV88-GCE | 245 | Mechanical | 4 | 2.19 | 88x90 | 19.1:1 | 7.4 | 1460x650x1280 | 450 |
| VPZ25-60 | 25/27.5 | 20/22 | 4TNV84T-GCE | 245 | Mechanical | 4 | 1.995 | 84x90 | 18.9:1 | 7.4 | 1460x650x1280 | 450 |
| VPZ40-60 | 40/44 | 32/35.2 | 4TNV98-GCE | 231 | Mechanical | 4 | 3.319 | 98x110 | 18.5:1 | 10.5 | 1650x750x1350 | 600 |
| VPZ50-60 | 50/55 | 40/44 | 4TNV98T-GCE | 222 | Mechanical | 4 | 3.319 | 98x110 | 18.1:1 | 10.5 | 1650x750x1350 | 650 |
| VPZ58-60 | 57.5/63.5 | 45/50.6 | 4TNV106-GCE | 237.6 | Mechanical | 4 | 4.412 | 106x125 | 18:1 | 14 | 1900x800x1500 | 750 |
| VPZ68-60 | 67.5/75 | 54/60 | 4TNV106T-GCE | 220.4 | Mechanical | 4 | 4.412 | 106x125 | 18:1 | 14 | 1900x800x1500 | 800 |

ELECTRIC CONTROL SYSTEM



ELECTRIC CONTROL SYSTEM

CP610/MANUAL START CONTROL PANEL

- Manual control
- Key switch or button switch for controlling Gensets (Start or stop at option)
- Meter Display
- Indicator light alarm



CP620/AUTOMATIC START CONTROL PANEL

- Automatic start
- Able to monitor by computer
- LCD, Chinese or English display
- Protection function
- Alarm function
- Communication interface



CP630/THREE REMOTE CONTROL PANEL

- Automatic start
- Able to monitor by computer, and can achieve three kinds of remote controls
- LCD, Chinese or English display
- Safety Protection
- Safety Alarm
- RS232 communication interface
- Provide open MODBUS agreement



CP660/ATS CONTROL BOX

- Automatic start
- Able to monitor by computer, and can achieve three kinds of remote controls
- LCD, Chinese or English display
- Safety protection
- Safety alarm
- Rs232 communication interface
- Provide open MODBUS agreement
- Provide ATS Interface



CP680/PARALLEL INTELLIGENT CONTROL PANEL

- Automatic start
- Able to monitor by computer, and can achieve three kinds of remote controls
- LCD, Chinese or English display
- Safety Protection
- Safety Alarm
- RS232 communication interface
- Can achieve parallel manually or automatically
- Provide open MODBUS agreement





AUTOMATIC TRANSFER SWITCH (ATS PANEL)

- Quadrupole machine/electric interlocking transfer switch
- Indicator lights of mains supply, power generation, loading condition
- Automatic/manually switch
- Panel deal with pickling, phosphatization, plastic jet
- Spacious for cable input and output
- Automatic switching time, from 1-60 seconds



INDEPENDENT AND AUTOMATIC PANEL NO NEED FOR WATCHING

- Automatic start control function and automatic power transfer function
- Integration independent control panel
- Suitable for controlling electronic equipment which are centralized



PARALLEL CONTROL PANEL

- Manual/semiautomatic/automatic parallel function for two or more gensets
- High centralization, distribute the loading automatically
- Convenient in maintenance and save fuel
- More economical
- Elastic expanding for future use. Can add equipment any time to satisfy new load according to the developing requirement



HEATER

- Preheater system to start the genset at low temperature
- Desiccator can avoid genset from frost

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