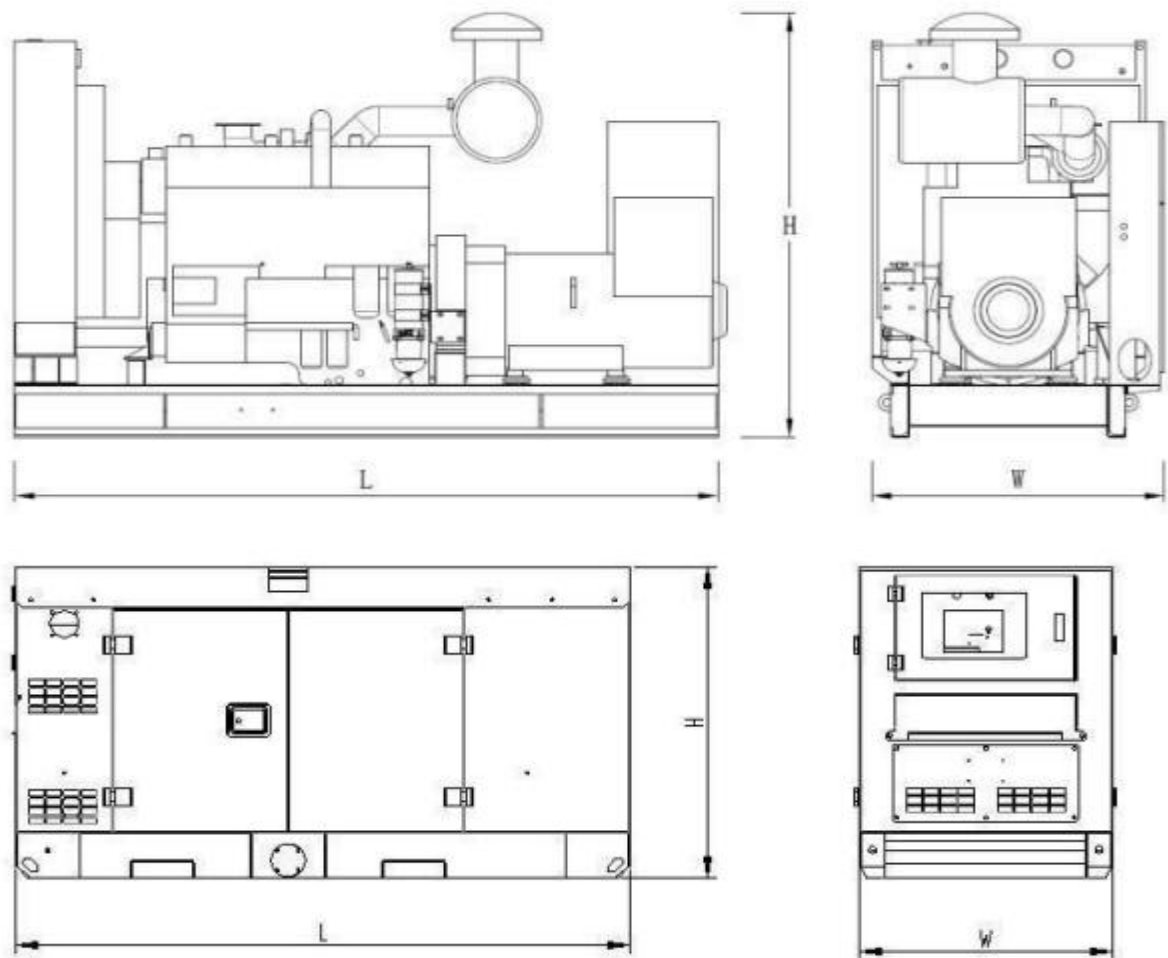


|  |   |  |
|--|---|--|
| <b>KIVON</b>   | <b>Guangdong Kivon Power Co. Ltd</b>                              |  |
|  | No. 35 , Zhongcun Street Baiyun District , Guangzhou city , china |  |
|  | Tel :086-020-81176789 Fax:086-020-81929876                        |  |
|  | Generator Set Datasheet   |  |
| <b>Specification of Gensets:</b>   |   |  |
| Generator set model  | KVD-W100S   |  |
| Rated power  | 100 KW  |  |
| Rated capacity   | 125kVA  |  |
| Standby power  | 110 KW  |  |
| Output voltage   | 220/110V  |  |
| Rated Frequency  | 60Hz  |  |
| Rated speed  | 1800 r/min  |  |
| phases /lines  | 3 phase/ 4 wires  |  |
| Noise limit  | ≤70 (db)@5m   |  |
| Output current   | 315 A   |  |
| Power Factor   | 0.8(lagging)  |  |
| Fuel Consumption at 100%   | ≤ 198 g/(kW· h)   |  |
| Built-in vibration isolator with high performance                            |   |  |
| Steel base with shock-absorbing pad  |   |  |
| With 2*12V 80A batteries, rack, and cable                                    |   |  |
| With the provision of radiator ducting (intake manifold) and exhaust muffler |   |  |
| With fully automatic dual power ATS  |   |  |
| <b>Specification of Engine:</b>  |   |  |
| Engine model   | WP6D132E201   |  |
| Engine brand   | WEICHAI   |  |
| Rated power  | 120 KW  |  |
| 1 -hour power  | 132 KW  |  |
| Cooling way  | Water Radiator & Fan  |  |
| Injection Type   | Direct Injection  |  |
| Intake way   | Turbocharger  |  |
| No. of Cylinders   | 6   |  |
| Bore * stroke (mm)   | 105*130   |  |

|                                     |                            |
|-------------------------------------|----------------------------|
| Displacement                        | 6.75L                      |
| Compression ratio                   | 18:1                       |
| Oil capacity                        | 18 L                       |
| Coolant capacity                    | 36 L                       |
| Oil consumption                     | ≤0.5 g/(kw.h)              |
| Emission                            | T2                         |
| Starting way                        | 24VDC Electrical           |
| Governor Type                       | Electronic                 |
| Applicable altitude                 | ≤ 2500 M                   |
| <b>Specification of Alternator</b>  |                            |
| Generator model                     | PDL274D                    |
| Rated power                         | 100 KW                     |
| Protection level                    | IP23                       |
| Excitation mode:                    | Brushless self excitation  |
| Generator type                      | Permanent Magnet Generator |
| Insulation grade                    | H                          |
| Telephone interference Factor(TIF)  | ≤ 50                       |
| Telephone harmonic factor(THF)      | ≤ 2%                       |
| Voltage Regulation, Steady State    | ≤±0.5%                     |
| Transient State Voltage             | ≤+20% ~ -15%               |
| Voltage fluctuation rate            | ≤±0.5%                     |
| frequency regulation , Steady State | ≤±0.5%                     |
| Transient frequency regulation      | ≤+10% ~ -7%                |
| Frequency fluctuation               | ≤±0.5%                     |
| <b>Specification of Controller</b>  |                            |
| 3 phases voltage: Ua, Ub, Uc        |                            |
| 3 phases current La,Lb,Lc           |                            |
| Frequency F1                        |                            |
| Active power PA                     |                            |
| Apparent power PR                   |                            |
| Temperature °C display              |                            |
| Starting timer:(999999)             |                            |



| Type        | Dimension (mm) (L*W*H) | Weight (kg) | Fuel Tank Capacity(L) |
|-------------|------------------------|-------------|-----------------------|
| Silent Type | 3200*1150*1650         | 2050        | 250                   |

Note: The above data is for reference only. Actual measurements should be taken for precise dimensions.