

Land Based Genset- WPG25 Series



Gen-Set Specifications

| Genset Model | | WPG25*16 | | |
|--------------|--|-------------------------------|-----------------|----|
| Power Factor | | 0.8-3 phase, 1.0-single phase | | |
| Frequency | Standby Rating | | Prime Rating | |
| | kVA | kW | kVA | kW |
| 60Hz | 27 | 22 | 25 | 20 |
| B-Series | Standard | | ≤102 dB (A) | |
| F-Series | With base fuel tank | | ≤102 dB (A) | |
| L-Series | With base fuel tank and soundproof enclosure | | ≤75 dB (A) @7m | |
| T-Series | Trailer type | | ≤75 dB (A) @7 m | |

Standard Features

- ◆ Mechanical/Electronic governor
- ◆ DC12 Electric starter
- ◆ Deep-sea 7320
- ◆ Closed water-cooled
- ◆ IP21/IP23
- ◆ H type insulation
- ◆ Air filter, muffler
- ◆ Shutoff solenoid
- ◆ Circuit Breaker
- ◆ Starting batteries (maintenance-Free) with connective wires
- ◆ Battery Charger
- ◆ Oil Drain Valve
- ◆ Forklift Groove
- ◆ Shock Absorber
- ◆ Color: Weichai blue (B,F)/beige canopy and black chassis (L)
- ◆ Documents
- ◆ Packaging: wooden packing case(B,F)/simple packing case (L)

Options

- ◇ Automatic Main Failure(AMF)
- ◇ Automatic Transfer Switch(ATS)
- ◇ paralleling system
- ◇ External fuel tank(1000L/1500L)
- ◇ Engine Heater (water & oil heater)
- ◇ Spare Parts/ Special tool

Engine Specifications

| Engine Make & Model | Weichai WP2.1D26E2 | | | | |
|-------------------------|--|-----------|-----------|----------|----------|
| Design | 4 cycle, in-line, Turbocharged | | | | |
| Rated Speed | 1800 rpm | | | | |
| Prime Power | 26kW | | | | |
| Standby Power | 28.6 kW | | | | |
| Bore & Stroke | 85x92 mm | | | | |
| Displacement | 2.1 L | | | | |
| Cylinder Number | 4 | | | | |
| Battery Capacity | 45A.h | | | | |
| Starting Method | 12V electric starter and battery charging alternator | | | | |
| Fuel system | Direct injection | | | | |
| Fuel consumption (l/hr) | | | | | |
| | Prime | 110% Load | 100% Load | 75% Load | 50% Load |
| | 26kW | 8.0 | 7.2 | 5.5 | 3.9 |
| Air Cleaner Type | Dry replaceable element with restriction indicator | | | | |
| Lube Oil Filter Type | Spin on full flow filter | | | | |
| Volume of oil pan (L) | 9 | | | | |
| Standard cooling system | 45°C ambient radiator | | | | |
| Coolant capacity(L) | 11.5 | | | | |

Alternator Specifications

| Alternator Make | Stamford/Marathon/Xingnuo |
|--------------------|---|
| Alternator Model | PI144E/GM-24-4/XN184E |
| Design | Brushless single bearing, revolving field |
| Stator | 2/3 pitch |
| Rotor | Single bearing, flexible disc |
| Exciter Type | Self Excited |
| Insulation System | Class H |
| Protection | IP23/ IP21/ IP21 |
| Winding Way | 12 |
| Voltage Regulation | ±1% |

Control Module Specifications

The DSE7320 is an Auto Mains Failure Control Module

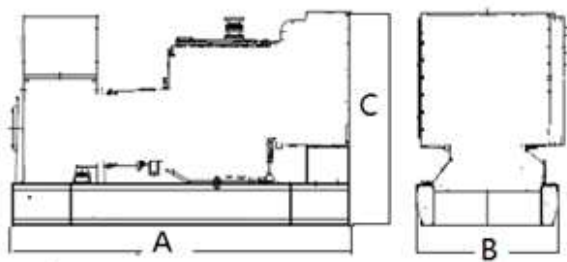
- ◆ Back-lit LCD display
- ◆ 3 Phase generator and 3 Phase Mains monitoring
- ◆ Monitoring speed, frequency, voltage, current, oil pressure, coolant temperature and fuel level
- ◆ Display warning, shutdown and engine status information
- ◆ Hours counter provides accurate information for monitoring and maintenance



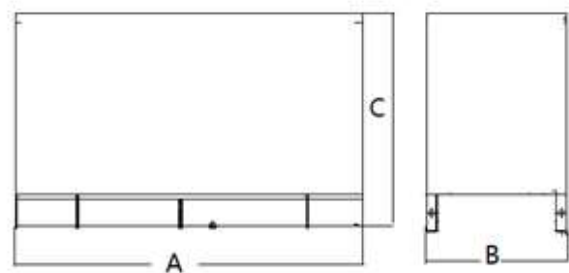
Dimensions

| | Length | Width | Height | Weight |
|-------------------|---------|--------|---------|--------|
| DIMENSIONS | 1900 mm | 820 mm | 1160 mm | 910 kg |

Open gen-set



Enclosed gen-set



Remarks

Prime Rating: These ratings are applicable for supplying continuous electrical power (at variable load) in the lieu of commercially purchased power. There is no limitation to the annual hours of operation and this model can supply 10% overload power for 1 hour in 12 hours.

Standby Rating: These ratings are applicable for supplying continuous electrical power (at variable load) in the event of a utility power failure. No overload is permitted on these ratings. The alternator on this model is peak continuous tested (as defined in ISO 8528-3).

Standard Reference Conditions

Note: Standard reference conditions 25°C(77°F) Air Inlet Temp, 100m(328 ft) A.S.L. 30% relative humidity. Fuel consumption data at full load with diesel fuel with specific gravity of 0.85 and conforming to BS2869: 1998, Class A2.

Sales Promises

Weichai Power provides a full line of brand new and high-quality products. Each and every unit is strictly factory tested.

Service and parts are available from Weichai Power or distributors in your location.

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DESERT MACHINERY FOR TRADING

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