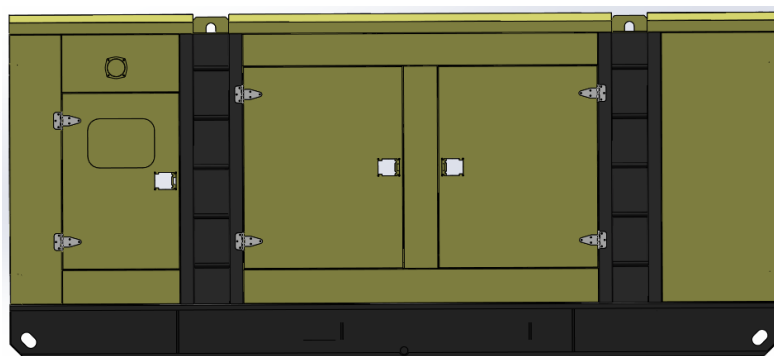
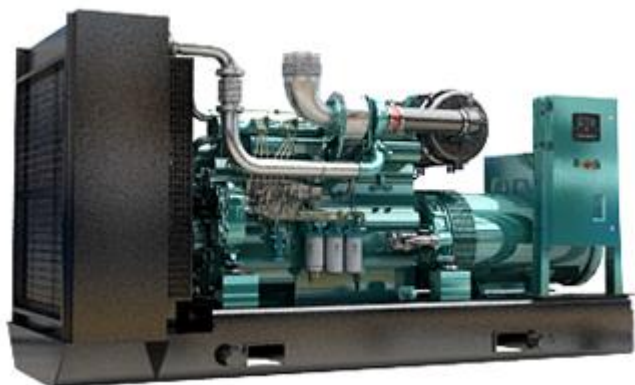


## Land Based Genset- WPG550 Series



### Gen-Set Specifications

Genset Model		WPG550*7		
Power Factor		0.8-3 phase, 1.0-single phase		
Frequency	Standby Rating		Prime Rating	
	kVA	kW	kVA	kW
50Hz	550	440	500	400
B-Series	Standard		≤102 dB (A)	
F-Series	With base fuel tank		≤102 dB (A)	
L-Series	With base fuel tank and soundproof enclosure		≤89dB (A) @7m	

### Standard Features

- ◆ Electronic governor
- ◆ Closed water-cooled
- ◆ Air filter, muffler
- ◆ Starting batteries( maintenance-Free) with connective wires
- ◆ Oil Drain Valve
- ◆ Color: Weichai blue (B,F)/beige canopy and black chassis (L)
- ◆ Packaging: wooden packing case(B,F)/simple packing case (L)
- ◆ DC24 Electric starter
- ◆ IP21/IP23
- ◆ Shutoff solenoid
- ◆ Forklift Groove
- ◆ Deep-sea 7320
- ◆ H type insulation
- ◆ Circuit Breaker
- ◆ Battery Charger
- ◆ Shock Absorber
- ◆ Documents
- ◆ Spare Parts/ Special tool

### Options

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

## Engine Specifications

Engine Make & Model	Weichai 6M26D484E200				
Design	4 cycle, in-line, Turbocharged and intercooled				
Rated Speed	1500 rpm				
Prime Power	440kW				
Standby Power	484kW				
Bore & Stroke	150x150mm				
Displacement	15.9L				
Cylinder Number	6				
Battery Capacity	2X200A.h				
Starting Method	24V electric starter and battery charging alternator				
Fuel system	Direct injection				
Fuel consumption (l/hr)					
	Prime	110% Load	100% Load	75% Load	50% Load
	440kW	116.8	104.9	78.4	53.6
Air Cleaner Type	Dry replaceable element with restriction indicator				
Lube Oil Filter Type	Spin on full flow filter				
Volume of oil pan (L)	50				
Standard cooling system	50°C ambient radiator				
Coolant capacity(L)	90				

## Alternator Specifications

Alternator Make	Stamford/Marathon
Alternator Model	HCI5C/MP-400-4
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
Winding Way	12
Voltage Regulation	±1%

## Control Module Specifications

### The DSE7320 is an Auto Mains Failure Control Module

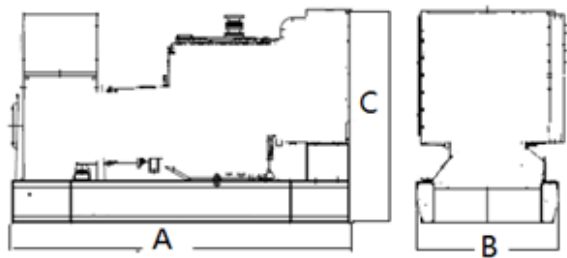
- ◆ Back-lit LCD display
- ◆ 3 Phase generator and 3 Phase Mains monitoring
- ◆ Monitoring speed, frequency, voltage, current, oil pressure, coolant temperature and fuel level
- ◆ Display warning, shutdown and engine status information
- ◆ Hours counter provides accurate information for monitoring and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



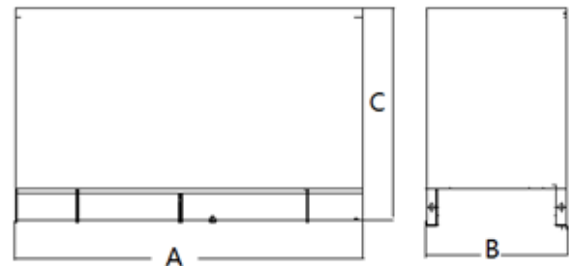
## Dimensions

	Length	Width	Height	Weight
<b>B-Series</b>	3750 mm	1380 mm	1965 mm	4200 kg
<b>L-Series</b>	5400 mm	1960 mm	2250 mm	5700 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.

Warranty time: 1 year

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