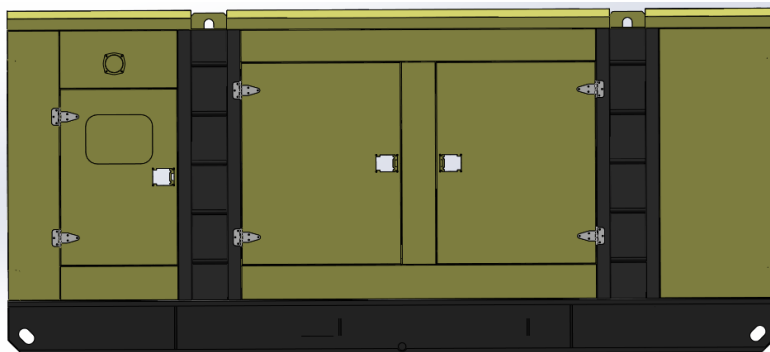


## Land Based Genset- WPG138 Series



### Gen-Set Specifications

Genset Model		WPG138*9		
Power Factor		0.8-3 phase, 1.0-single phase		
Frequency	Standby Rating		Prime Rating	
	kVA	kW	kVA	kW
50Hz	138	110	125	100
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 6020
- ◆ 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 WP6D140E200			
Design	4 cycle, in-line, Turbocharged and intercooled			
Rated Speed	1500 rpm			
Prime Power	128kW			
Standby Power	140kW			
Bore & Stroke	105x130mm			
Displacement	6.75L			
Cylinder Number	6			
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
	128kW	33.4	30.4	23.1
				50% Load
				15.9
Air Cleaner Type	Dry replaceable element with restriction indicator			
Lube Oil Filter Type	Spin on full flow filter			
Volume of oil pan (L)	18			
Standard cooling system	45°C ambient radiator			
Coolant capacity(L)	28			

## Alternator Specifications

Alternator Make	Stamford/Marathon/Xingnuo
Alternator Model	UC274E/MP-100-4/XN274D
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 DSE6020 is an Auto Mains Failure Control Module

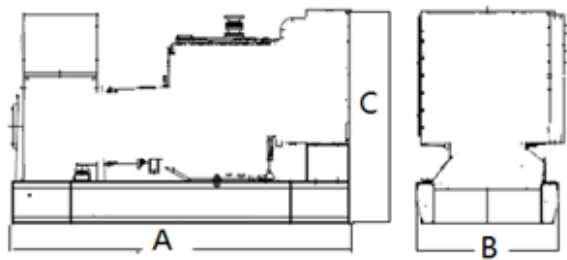
- ◆ Back-lit LCD display
- ◆ 3 Phase generator and 3 Phase Mains monitoring
- ◆ Monitoring speed, frequency, voltage, current, oil pressure, coolant temperature and fuel level
- ◆ Display warning, shutdown and engine status information
- ◆ Hours counter provides accurate information for monitoring and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



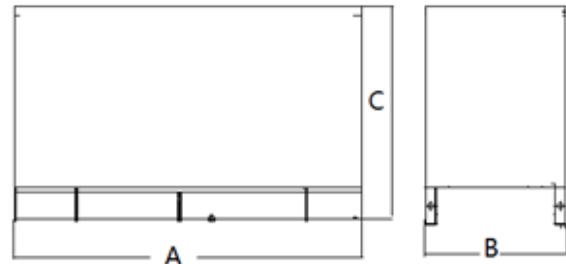
## Dimensions

	Length	Width	Height	Weight
<b>B-Series</b>	2470 mm	930 mm	1450 mm	1550 kg
<b>F-Series</b>	2470 mm	930 mm	1560 mm	1610 kg
<b>L-Series</b>	3200 mm	1100 mm	1850 mm	2040 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.