

Land Based Genset- WPG1400 Series



Gen-Set Specifications

Genset Model		WPG1400*7		
Power Factor		0.8-3 phase, 1.0-single phase		
Frequency	Standby Rating		Prime Rating	
	kVA	kW	kVA	kW
50Hz	1400	1120	1250	1000
B-Series	Standard		≤102 dB (A)	
C-Series	With Container		≤89dB (A) @7m	

Standard Features

◆ Electronic governor	◆ DC24 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)		◆ Spare Parts/ Special tool

Options

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

Engine Specifications

Engine Make & Model	Weichai 12M33D1210E200			
Design	V type, Turbocharged and intercooled			
Rated Speed	1500 rpm			
Prime Power	1100kW			
Standby Power	1210kW			
Bore & Stroke	150x185mm			
Displacement	39.2L			
Cylinder Number	12V			
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
1100kW	288.8	259.1	191.0	129.5
Air Cleaner Type	Dry replaceable element with restriction indicator			
Lube Oil Filter Type	Spin on full flow filter			
Volume of oil pan (L)	146			
Standard cooling system	50°C ambient radiator			
Coolant capacity(L)	196			

Alternator Specifications

Alternator Make	Stamford/Marathon
Alternator Model	LVI6G/MX-1030-4
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

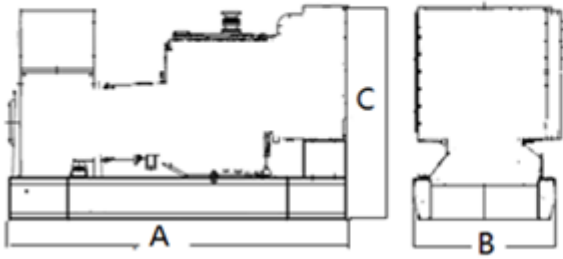
- ◆ Back-lit LCD display
- ◆ 3 Phase generator and 3 Phase Mains monitoring
- ◆ Monitoring speed, frequency, voltage, current, oil pressure, coolant temperature and fuel level
- ◆ Display warning, shutdown and engine status information
- ◆ Hours counter provides accurate information for monitoring and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



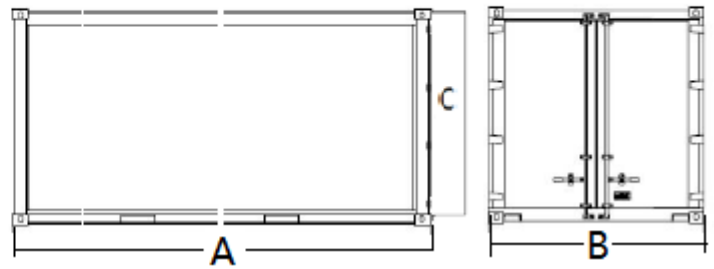
Dimensions

	Length	Width	Height	Weight
B-Series	4800 mm	2195 mm	2430 mm	8500 kg
C-Series		20' container		11500 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