

 Output Ratings
 Frime¹
 Standby²

 Genset Model
 Prime¹
 Standby²

 380-415V, 50Hz
 14,5 kVA / 11,6 kW
 15,9 kVA / 12,7 kW

 480V, 60Hz

Ratings are given at 0,8 power factor

Dimension & Weight				
Length [mm]	Width [mm]	Height [mm]	Dry [kg]	Wet [kg]
1550/1960	900/900	990/1380	504/698	
Dry: With Lube Oil	Wet: With Lube Oil & Coolant			

Without canopy/ with canopy

Engine Technical Data Engine Model: Mitsubishi - S4L2 - SD Number of Cylinders: Cycle: Bore / Stroke [mm]: 78 x 92 Induction: Natural Cooling Method: Water Governor Type : Mechanic Compression Ratio: 22,0:1 Displacement [lt]: 1,76

Electrical Sys. Voltage Battery Charger Amps.

Oil Cooling Method:

Lubrication System			
Total Oil Capacity [It]:	5,9		
Oil Type :	API CD 15W-40		

12 V

Fuel System

Fuel Filter Type: Replaceable Element

Recommended Fuel: Class A2 Motorin

Fuel Consumption [It]:

	110%	100%	75%	50%
Prime	Load	Load	Load	Load
50Hz		4,4	3,4	2,6

(Based on diesel fuel with a spec. gravity of 0,84 and complied with BS2869, Class A2) $\,$

Alternator Data	
Manufacturer:	LINZ Electric
Model:	E1X13MF/4
No. of Bearings :	Single
Insulation Class:	н
Winding Pitch:	2/3
Number of Wire :	6
Protection Class:	IP23
Efficiency:	86 %
Voltage Regulation (Steady State) :	1%
Total Harmonic Content:	5.0%
Appearent power [kVA]:	16

Cooling System		50Hz
Cooling System Capacity [It]:		4,9
Heat rejected to Water & Lube Oil [kW]:	
	Prime	
	Standby	
Heat Radiation to Room [kW] :		
	Prime	
	Standby	
Radiator Fan Load [kW] :		
Radiator Cooling Air Flow [m³/min] :		
External Restrictions to :		
Cooling Airflow [Pa]:		

Exhaust System		50Hz	
Max. Allowable Back Pressure	[kPa] :		
Exhaust Gas Flow [m³/min]:			
	Prime		
	Standby		
Exhaust Gas Temp. [°C]:			
	Prime		
	Standby		
Performance		50Hz	
Engine Speed [rpm]:		1500	
Gross Engine Power [kW]:			
	Prime		

Air Systems		50Hz
Air Filter Type :		Replaceable Element
Combustion Air Flow [m³/min]:		
	Prime	
	Standby	
Max. Combustion Air Intake		

15,8

Standby

Restriction [kPa]:

Available Options

Diamond offers a range of optional features to tailor our gensets to meet your power requirements.

Options:

- * A wide range of Sound Attenuated Enclosures
- * A variety of generating set control and synchronising panels
- * Additional alarms and shutdowns
- * A selection of exhaust silencer noise levels

For further information on all of the standard and optional

features for this product, please contact DIAMOND or

visit www.diamondcable.com.tr

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

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