

**Output Ratings**

Genset Model	Prime <sup>1</sup>	Standby <sup>2</sup>
380-415V, 50Hz	10,5 kVA / 8,4 kW	11,4 kVA / 9,2 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 - S3L2 - SD
Number of Cylinders:	3
Cycle :	4
Bore / Stroke [mm] :	78 x 92
Induction :	Natural
Cooling Method :	Water
Governor Type :	Mechanic
Compression Ratio :	22,0:1
Displacement [lt] :	1,32
Electrical Sys. Voltage	12 V

Battery Charger Amps.

**Lubrication System**

Total Oil Capacity [lt] :	4,2
Oil Type :	API CD 15W-40
Oil Cooling Method :	

**Fuel System**

Fuel Filter Type :	Replaceable Element
Recommended Fuel :	Class A2 Motorin
Fuel Consumption [lt] :	
	110%      100%      75%      50%
Prime	Load      Load      Load      Load
50Hz	3,1      2,5      2,1

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

**Alternator Data**

Manufacturer :	LINZ Electric
Model :	E1X13ME/4
No. of Bearings :	Single
Insulation Class:	H
Winding Pitch :	2/3
Number of Wire :	6
Protection Class :	IP23
Efficiency:	85,8 %
Voltage Regulation (Steady State) :	1%
Total Harmonic Content:	5.0%
Apparent power [kVA]:	14

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)

Standard Reference Conditions: Standart reference conditions 25°C Air Inlet Temp. 100m, 30% relative humidity.

**Cooling System**

Cooling System Capacity [lt] :	50Hz      4,2
Heat rejected to Water & Lube Oil [kW]:	Prime      Standby
Heat Radiation to Room [kW] :	Prime      Standby
Radiator Fan Load [kW] :	
Radiator Cooling Air Flow [m <sup>3</sup> /min] :	
External Restrictions to :	
Cooling Airflow [Pa] :	

**Exhaust System**

Max. Allowable Back Pressure [kPa] :	50Hz      .....
Exhaust Gas Flow [m <sup>3</sup> /min] :	Prime      .....
Exhaust Gas Temp. [ °C] :	Standby      .....
	Prime      ...
	Standby      ....

**Performance**

Engine Speed [rpm] :	50Hz      1500
Gross Engine Power [kW] :	Prime      Standby      11,2

**Air Systems**

Air Filter Type :	50Hz      Replaceable Element
Combustion Air Flow [m <sup>3</sup> /min] :	Prime      .....
	Standby      .....
Max. Combustion Air Intake	
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](http://www.diamondcable.com.tr)