

Output Ratings			
Genset Model	Prime ¹	Standby ²	
380-415V, 50Hz	7,2 kVA / 5,7 kW	7,9 kVA / 6,3 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 - L3E - SD
Number of Cylinders:	3/Inline
Cycle :	4 Stroke
Bore / Stroke [mm] :	76 x 70
Induction:	Natural
Cooling Method :	Water
Governor Type :	Mechanic
Compression Ratio :	23,0:1
Displacement [It]:	1
Electrical Sys. Voltage	12 V
Battery Charger Amps	

Lubrication System	
Total Oil Capacity [lt]:	4,1
Oil Type :	API CD 15W-40
Oil Cooling Method :	

Fuel System				
Fuel Filter Type : Replaceable Element				
Recommended Fuel: Class A2 Diesel				
Fuel Consumption [It] :				
	110%	100%	75%	50%

r der consumpt	der consumption [14].				
	110%	100%	75%	50%	
Prime	Load	Load	Load	Load	
50Hz		2,3	1,7	1,3	

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

Alternator Data Manufacturer:	LINZ Electric	
Model:	E1X13SC/4	
No. of Bearings :	Single	
Insulation Class:	Н	
Winding Pitch :	2/3	
Number of Wire :	6	
Protection Class:	IP23	
Efficiency:	84,4 %	
Voltage Regulation (Steady State) :	1%	
Total Harmonic Content:	5.0%	
Appearent power [kVA]:	10	

Cooling System		50Hz	
Cooling System Capacity [It]:		3,7	
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 ³ /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		
Restriction [kPa] :		

Standby

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 $\operatorname{DIAMOND}$ 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)