

 Output Ratings
 Frime 1
 Standby 2

 380-415V, 50Hz
 1546 kVA / 1237 kW
 1701 kVA / 1361 kW

 480V, 60Hz

Ratings are given at 0,8 power factor

Dimension & Weight				
Length [mm]	Width [mm]	Height [mm]	Dry [kg]	Wet [kg]
4550/6060	2240/2440	2500/2900	10100/16650	
Dry: With Lube Oil	Wet: Wit	h Lube Oil & Coolant		

Without canopy/ with canopy

Lubrication System	
Engine Model :	Mitsubishi S12R-F1PTAW2
Number of Cylinders:	12 / V
Cycle:	4 Stroke
Bore / Stroke [mm] :	170.0 / 180.0
Induction:	Turboharged- Air Cooler
Cooling Method :	Water
Governor Type :	Elektronic
Compression Ratio :	13.5:1
Displacement [lt]:	49
Electrical Sys. Voltage	24 / Negative
Battery Charger Amps.	30

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

Fuel System				
Fuel Filter Type :			Replaceable Eleme	ent
Recommended F	uel :		Class A2 Diesel	
Fuel Consumptio	n [lt] :			
	110%	100%	75%	50%
Prime	Load	Load	Load	Load
50Hz				

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

Model: No. of Bearings: Insulation Class: Winding Pitch: Number of Wire: Protection Class:	AMFORD PI 734C Single H 2/3
No. of Bearings : Insulation Class: Winding Pitch : Number of Wire : Protection Class :	Single H
Insulation Class: Winding Pitch: Number of Wire: Protection Class:	н
Winding Pitch : Number of Wire : Protection Class :	•
Number of Wire : Protection Class :	2/3
Protection Class :	
	6
Efficiency:	IP23
	95,4 %
Voltage Regulation (Steady State) :	1%
Total Harmonic Content:	3.0%
Appearent power [kVA]:	1550

Cooling System		50Hz
Cooling System Capacity [lt]:		
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	1329	

Replaceable Element

1462

Standby

wax. 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 $\operatorname{DIAMOND}$ 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)