

Output Ratings

Genset Model	Prime ¹	Standby ²
380-415V, 50Hz	30 kVA / 24 kW	34,3 kVA / 27,4 kW
480V, 60Hz	-	-

Ratings are given at 0,8 power factor

Dimension & Weight

Length [mm]	Width [mm]	Height [mm]	Dry [kg]	Wet [kg]
1750/2190	1000/1000	1110/1450	724/1030	

Dry: With Lube Oil

Wet: With Lube Oil & Coolant

Without canopy/ with canopy

Engine Technical Data

Engine Model :	Mitsubishi - S4S - SD
Number of Cylinders:	4 - Inline
Cycle :	4
Bore / Stroke [mm] :	94 x 120
Induction :	Natural
Cooling Method :	Water
Governor Type :	Mechanic
Compression Ratio :	22,0:1
Displacement [lt] :	3,33
Electrical Sys. Voltage	12 V
Battery Charger Amps.	

Lubrication System

Total Oil Capacity [lt] :	10
Oil Type :	API CD 15W-40
Oil Cooling Method :	

Fuel System

Fuel Filter Type :	Replaceable Element			
Recommended Fuel :	Class A2 Diesel			
Fuel Consumption [lt] :				
	110% Load	100% Load	75% Load	50% Load
Prime				
50Hz	9,9	8,2	6	4,2

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

Alternator Data

Manufacturer :	LINZ Electric
Model :	PRO 18SC/4
No. of Bearings :	Single
Insulation Class:	H
Winding Pitch :	2/3
Number of Wire :	12
Protection Class :	IP23
Efficiency:	87,1 %
Voltage Regulation (Steady State) :	1%
Total Harmonic Content:	3.0%
Apparent power [kVA]:	34

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)

Soğutma Sistemi

50Hz

Soğutma Sistemi Kapasitesi [lt] :	9
Su Devresine Verilen Isıl Güç [kW] :	
	Prime
	Standby
Radyasyon ile Verilen Isıl Güç[kW] :	
	Prime
	Standby
Radyatör Fanı Güç Değeri [kW] :	

Exhaust System

50Hz

Max. Allowable Back Pressure [kPa] :	

Exhaust Gas Flow [m ³ /min] :	
	Prime
	Standby
Exhaust Gas Temp. [°C] :	
	Prime
	Standby

Performance

50Hz

Engine Speed [rpm] :	1500
Gross Engine Power [kW] :	
	Prime
	Standby
	31,9

Air Systems

50Hz

Air Filter Type :	Replaceable Element
Combustion Air Flow [m ³ /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