

Output Ratings			
Genset Model	Prime ¹	Standby ²	
380-415V, 50Hz	60 kVA / 48 kW	66 kVA / 52.8 kW	
480V, 60Hz	-	-	

Ratings are given at 0,8 power factor

Dimension & Weight				
Length [mm]	Width [mm]	Height [mm]	Dry [kg]	Wet [kg]
2150 / 2880	1100 / 1100	1320 / 1720	1150 / 1570	1175 / 1595
Dry: With Lube Oil	Wet: Wit	h Lube Oil & Coolant		

Without canopy/ with canopy

Engine Technical Data	
Engine Model :	SDEC - SC4H 95D2
Number of Cylinders:	4 / Inline
Cycle:	4 Stroke
Bore / Stroke [mm] :	105 / 124
Induction:	Turbocharged
Cooling Method :	Water cooled
Governor Type :	Electronic
Compression Ratio :	17.3:1
Displacement [lt]:	4.3
Electrical Sys. Voltage	24 / Negative

Cooling System	50Hz	
Cooling System Capacity [It] :	25	

Lubrication System		
Total Oil Capacity [lt]:	13	

Exhaust System	50Hz
Max. Allowable Back Pressure [kPa]:	6

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	15	13.4	8.4	6.9

Exhaust Gas Temp. $[^{\circ}C]$:

Performance		50Hz
Engine Speed [rpm]:		1500
Gross Engine Power [kW] :		
	Prime	62
	Standby	68

Standby

600

Fuel Tank Capacity (L):

Air Systems	50Hz
Air Filter Type :	Replaceable Element

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

Alternator Data	
Manufacturer :	LINZ
Model :	PRO 18 LG/4
No. of Bearings :	Single
Insulation Class:	н
Winding Pitch :	2/3
Number of Wire :	12
Protection Class:	IP23
Efficiency:	89.4%
Voltage Regulation (Steady State) :	1.0%
Total Harmonic Content:	4.0%
Appearent power [kVA]:	65

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)