

Prime ¹	Standby ²	
68 kVA / 54,5 kW	75kVA / 60kW	
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Ratings are given at 0,8 power factor

Dimension & Weight					
Length [mm]	Width [mm]	Height [mm]	Dry [kg]	Wet [kg]	
2150 / 2872	1100 / 1100	1315 / 1720	1180 /1595		
Dry: With Lube Oil Wet: With Lube Oil & Coolant		ith Lube Oil & Coolant			
Without canopy/ with canopy					
E . E		G 10		5011	

Engine Technical Data	
Engine Model :	DEUTZ - WP4D66E200
Number of Cylinders and Type:	4 - Inline
Cycle :	4 Stroke
Bore / Stroke [mm] :	105 / 120
Induction:	Turbocharged - Intercooled
Cooling Method :	Water cooled
Governor Type :	Electronic
Compression Ratio :	18.0:1
Displacement [lt]:	4.5
Electrical Sys. Voltage	24 / Negative

Cooling System	50Hz	
Cooling System Capacity [lt]:		

Lubrication System		
Total Oil Capacity [lt]:	10	

Exhaust System	50Hz
Max. Allowable Back Pressure [kPa]:	6,5

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

Exhaust Gas Temp. [°C] :	550

ruei Consumpt	ion [it] :			
	110%	100%	75%	50%
Prime	Load	Load	Load	Load
50Hz	16,0	14,0	11	7,6

Performance		50Hz
Engine Speed [rpm] :		1500
Gross Engine Power [kW]:		
	Prime	60
	Standby	66

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 electric
Model:	PRO 22SA/4
No. of Bearings :	Single
Insulation Class:	н
Winding Pitch :	2/3
Number of Wire :	12
Protection Class :	IP23
Efficiency:	90.1%
Voltage Regulation (Steady State) :	1.0%
Total Harmonic Content:	4.0%
Appearent power [kVA]:	71

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

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)

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