

Output Ratings			
Genset Model	Prime <sup>1</sup>	Standby <sup>2</sup>	
380-415V, 50Hz	363 kVA / 290 kW	405 kVA / 324 kW	
480V 60Hz	_	_	

Ratings are given at 0,8 power factor

Dimension & Weight				
Length [mm]	Width [mm]	Height [mm]	Dry [kg]	Wet [kg]
3350 / 4260	1550 / 1550	1920 / 2140	2790 / 3670	2890 / 3785
Dry: With Lube Oil	Wet: Wi	th Lube Oil & Coolant		

Without canopy/ with canopy

Engine Technical Data	
Engine Model :	DEUTZ - BF 6M1015C- LAG4
Number of Cylinders:	6/V
Cycle :	4 Stroke
Bore / Stroke [mm] :	132 / 145
Induction:	Turbocharged - Intercooled
Cooling Method :	Water cooled
Governor Type :	Electronic
Compression Ratio :	16.5:1
Displacement [lt]:	11.9
Electrical Sys. Voltage	24 / Negative

Cooling System	50Hz
Cooling System Capacity [lt]:	100

Lubrication System		
Total Oil Capacity [It]:	38	

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

520

Fuel System	
Fuel Filter Type :	Replaceable Element
Recommended Fuel:	Class A2 Diesel
Fuel Consumption [It]:	

Exhaust Gas Temp. [°C]:

r acr consumpt	ion [it] .				
	110%	100%	75%	50%	
Prime	Load	Load	Load	Load	
50Hz	85	77	57	38	

Performance		SUHZ	
Engine Speed [rpm]:		1500	
Gross Engine Power [kW]:			
	Prime	313	
	Standby	345	

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 Electric
Model :	PRO 28 LG/4
No. of Bearings :	Single
Insulation Class:	н
Winding Pitch:	2/3
Number of Wire :	12
Protection Class :	IP23
Efficiency:	93.8%
Voltage Regulation (Steady State) :	1.0%
Total Harmonic Content:	4.0%
Appearent power [kVA]:	420

## 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)

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