

TECHNICAL SPECIFICATIONS

PARAMETERS	DG MODELS
Genset Prime Rating (kVA) *	285
Duty (Standby/ Prime)	Prime
Power Rating @ 100% kWe (in KW)	228
No. of Phases	3 Ph
Output Voltage (V)	415
Power Factor (lagging)	0.8
Current (A)	396.4
Frequency (Hz) & RPM	50/1500
Governing Class	G2 as per ISO 8528 part 5
Genset dimensions (L x W x H) in mm	5225 X 1700 X 3248 (inslde Silencer)
Genset Weight (Kg) Approx.	6500
ENGINE SPECIFICATION	
Make	Generac
Model	G14.2 L
Rated Power at 100%Load (HP)	370
Aspiration	Turbocharged, Aftercool
No. of cylinders	6
Bore x Stroke (mm)	135 X 165
Displacement (Ltr)	14.2
Fuel consumption @ 75% load (kg/hr) **	33.9
Fuel consumption @ 100% load (kg/hr)**	42.8
Starting system	24 V DC Electrical
Lube oil specification	API CG4 15W40
Total lubrication system capacity(Ltr)	34.4
Lube oil consumption @ full load\$	0.062
Lube oil change period (hrs.)	500
Radiator coolant capacity (Ltr)	34.4
ALTERNATOR	
Make	LS
Enclosure Type	IP 23
Voltage regulation	+/- 1%
Class of insulation	Class H
Maximum Unbalanced Load across Phases(%)	25

Above specifications are subject to change without notice due to continuous technical developments.

* A tolerance value of +-5% will be applicable on declared power values

. ** A tolerance of +5% shall be applicable on fuel consumption values on account of product to product variation due to engine & + 3% of tolerance due to alternator product to product variation

Gas Density : 0.667 Kg/m3