



Engine Specifications

DIESEL ENGINE DATA



Engine Model	CUMMINS 6BTAA5.9-G2
No Of Cylinder / Arrangement	6 , in Line
Cycle	4 Stroke
Aspiration	Turbocharged And Charge Air After Cooled
Bore X Stroke	102 X 120 mm
Displacement Total	5.9 liters
Compression Ratio	17.3 : 1
Combustion System	Direct injection
Direction Of Rotation	Anti Clockwise Viewed From Flywheel
Cooling System	Water Cooled
Air Intake System	Mounted Air Filters



GENERATOR DATA



Manufacture	Stamford
Phase Power	3
Voltage	230/400 Volt
Power Factor	0.8
Coupling	Direct
Bearing Number	1
Index Protection	23
Insulation Class	H
Exciter Type	S Hunt
Pole Number	4

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Rating 50 Hz (1500 RPM)	KVA	KW
Continuous (C)		
Prime (P)	131	105
Standby (S)	145	116

LUBRICATING SYSTEM



Maximum Oil Temperature	121 °C
Total Lubrication Capacity	16.4 Liters

COOLING SYSTEM



Total Coolant Capacity (Engine only)	10 liters
Maximum Top Tank Temp	100 °C
Standard Thermostat (Modulating) Range	82-95 °C

FUEL SYSTEM



BYC PB / GAC	24V
Fuel Consumption	30 L/H @ 100% Prime Power
	34 L/H @ 100% Standby Power

ELECTRICAL EQUIPMENT



Cranking Motor (Heavy Duty, Positive Engagement) 24V
Battery Charging System, Negative Ground 40A



SAFETY DEVICE

Low Oil Pressure
High Water Temperature and Overspeed


[®]

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Weight & Dimensions

DIMENSION		OPEN	SILENT	
Length	mm	2400	3000	
Width	mm	1050	1400	
Height	mm	1550	1600	
Weight	Kg	1670	2290	

