



Engine Specifications

DIESEL ENGINE DATA



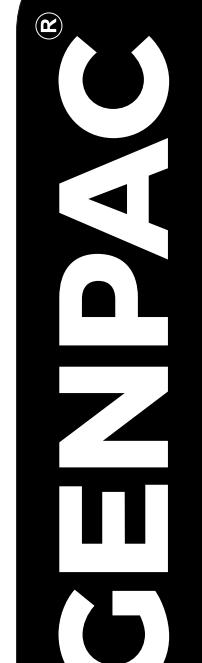
Engine Model	CUMMINS 6BTAA5.9-G2
No Of Cylinder / Arrangement	6 , in Line
Cycle	4 Stroke
Aspiration	Turbocharged And Charge Air Cooled
Bore X Stroke	102 X 120 mm
Displacement Total	5.9 liters
Compression Ratio	17 : 1
Combustion System	Direct injection
Direction Of Rotation	Anti Clockwise Viewed From 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



Rating 50 Hz (1500 RPM)	KVA	KW
Continuous (C)		
Prime (P)	125	100
Standby (S)	137	110

LUBRICATING SYSTEM



Maximum Oil Temperature	121 °C
Total Lubrication Capacity	16.4 Liters

SAFETY DEVICE

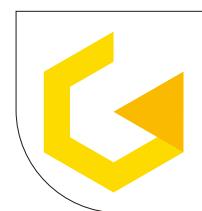


Low Oil Pressure
High Water Temperature and Overspeed

COOLING SYSTEM



Total Coolant Capacity (Engine only)	9.9 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

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GENPAC

ELECTRICAL EQUIPMENT



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

Weight & Dimensions

DIMENSION		OPEN	SILENT	
Length	mm	2400	3000	
Width	mm	1050	1200	
Height	mm	1550	1600	
Weight	Kg	1670	2290	

