



Engine Specifications

DIESEL ENGINE DATA

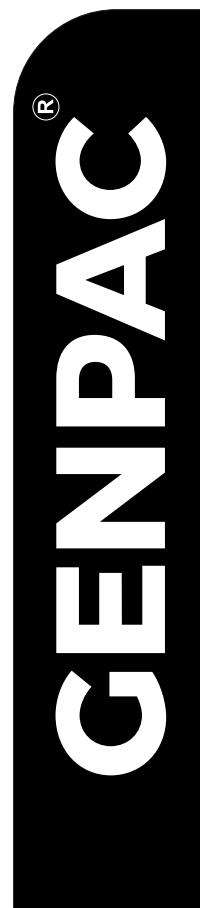
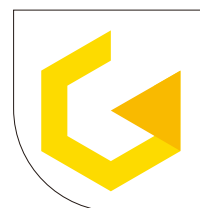


Engine Model	Cummins QSK50-G4
No Of Cylinder / Arrangement	16 , V Form
Cycle	4 Stroke
Aspiration	Turbocharged And Aftercooled
Bore X Stroke	159 x 159 mm
Displacement Total	50.3 liters
Compression Ratio	15 : 1
Combustion System	Direct injection
Direction Of Rotation	Anti Clockwise Viewed From Flywheel
Cooling System	Water Cooled
Air Intake System	Mounted Air Filters

GENERATOR DATA



Manufacture	Rexford
Phase Power	3
Voltage	230/400 Volt
Power Factor	0.8
Coupling	Direct
Bearing Number	1
Index Protection	22
Insulation Class	H
Exciter Type	S Hunt
Pole Number	4



Rating 50 Hz (1500 RPM)	KVA	KW
Continuous (C)	1250	1000
Prime (P)	1550	1240
Standby (S)	1705	1364

LUBRICATING SYSTEM



Lube Oil Filter Type	Spin on full flow filter
Total Lubrication Capacity	235 Litres

SAFETY DEVICE



Low Oil Pressure
High Water Temperature and Overspeed

COOLING SYSTEM



Total Coolant Capacity (engine only)	294 liters
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FUEL SYSTEM

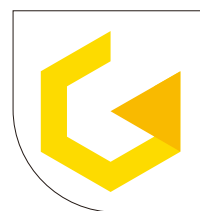


Fuel Consumption	338 L/H @ 100% Prime Power
	373 L/H @ 100% Standby Power


ELECTRICAL EQUIPMENT



Cranking Motor (Heavy Duty, Positive Engagement) 24V
Battery Charging System, Negative Ground 55A



Weight & Dimensions

DIMENSION		OPEN	SILENT	
Length	mm	4490	6058	
Width	mm	2100	2438	
Height	mm	2400	2591	
Weight	Kg	9900	12300	

