



## Engine Specifications

### DIESEL ENGINE DATA

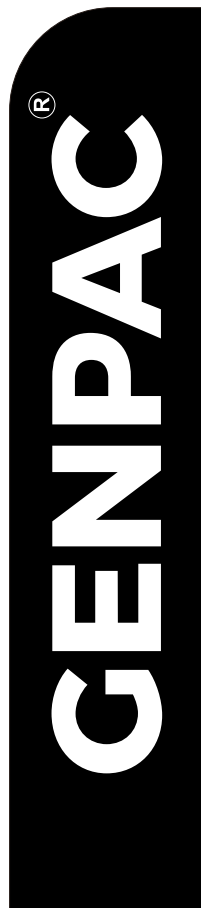
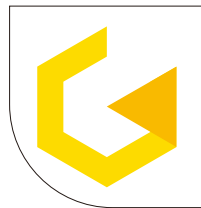


Engine Model	CUMMINS 4BTA3.9 G2
No Of Cylinder / Arrangement	4 , in Line
Cycle	4 Stroke
Aspiration	Turbocharged And Aftercooled
Bore X Stroke	102 X 120 mm
Displacement Total	3.9 liters
Compression Ratio	17.3 : 1
Combustion System	Direct injection
Direction Of Rotation	Anti Clockwise Viewed From Flywheel
Cooling System	Water Cooled
Air Intake System	Mounted Air Filters

### GENERATOR DATA



Manufacture	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)		
Prime (P)	50	40
Standby (S)	55	44

## LUBRICATING SYSTEM



Maximum Oil Temperature	121 °C
Total Lubrication Capacity	10.9 Liters

## SAFETY DEVICE



Low Oil Pressure  
High Water Temperature and Overspeed

## COOLING SYSTEM



Total Coolant Capacity (Engine only)	8.3 liters
Maximum Top Tank Temp	100 °C
Standard Thermostat (Modulating) Range	83-95 °C
Total Coolant Capacity	201 liters

## FUEL SYSTEM

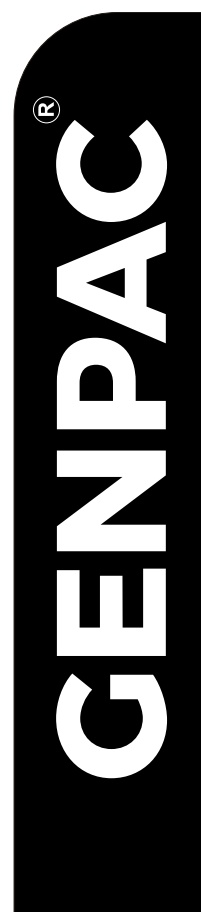
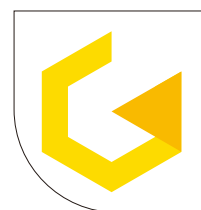


BYC A/Electronic Governor	
Full Flow Spin-On Filters	12.9 L/H @ 100% Prime Power
Fuel Consumption	14.1 L/H @ 100% Standby Power


## ELECTRICAL EQUIPMENT



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



## Weight & Dimensions

DIMENSION		OPEN	SILENT	
Length	mm	1900	2250	
Width	mm	840	1100	
Height	mm	1340	1300	
Weight	Kg	1070	1350	

