



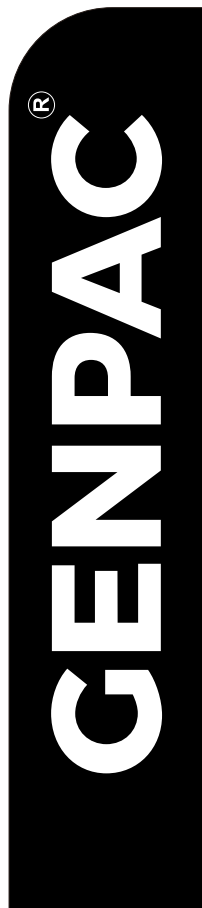
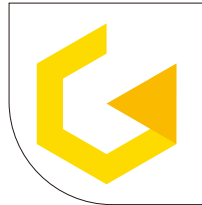
Engine Specifications

DIESEL ENGINE DATA

Engine Model	CUMMINS 6CTAA8.3-G2
No Of Cylinder / Arrangement	6 , in Line
Cycle	4 Stroke
Aspiration	Turbocharged And Charge Air Cooled
Bore X Stroke	114 X 135 mm
Displacement Total	8.3 liters
Compression Ratio	16.7 : 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)	200	160
Standby (S)	220	176

LUBRICATING SYSTEM



Maximum Oil Temperature	121 °C
Total Lubrication Capacity	23.8 Liters

SAFETY DEVICE



Low Oil Pressure
High Water Temperature and Overspeed

COOLING SYSTEM



Total Coolant Capacity (Engine only)	12.3 liters
Maximum Top Tank Temp	104 °C
Standard Thermostat (Modulating) Range	82-95 °C

FUEL SYSTEM

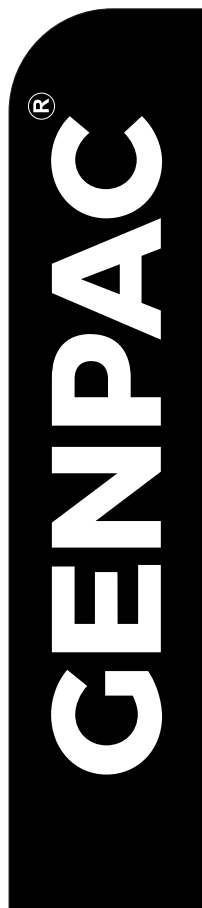
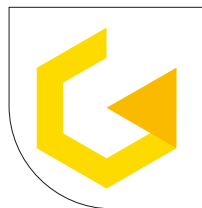


Fuel Consumption	57 L/H @ 100% Prime Power
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ELECTRICAL EQUIPMENT



Cranking Motor (Heavy Duty, Positive Engagement) 12 / 24V
Battery Charging System, Negative Ground 64 / 40A



Weight & Dimensions

DIMENSION		OPEN	SILENT	
Length	mm	2600	3500	
Width	mm	1050	1300	
Height	mm	1650	1800	
Weight	Kg	1700	2592	

