



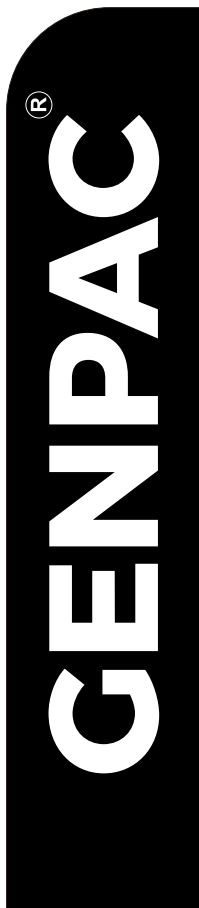
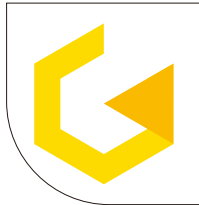
Engine Specifications

DIESEL ENGINE DATA

Engine Model	CUMMINS 6BT5.9 G2
No Of Cylinder / Arrangement	6 , in Line
Cycle	4 Stroke
Aspiration	Turbocharged And Aftercooled
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



Rating 50 Hz (1500 RPM)	KVA	KW
Continuous (C)		
Prime (P)	100	80
Standby (S)	110	88

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)	7.9 liters
Maximum Top Tank Temp	100 °C
Standard Thermostat (Modulating) Range	82-95 °C

FUEL SYSTEM

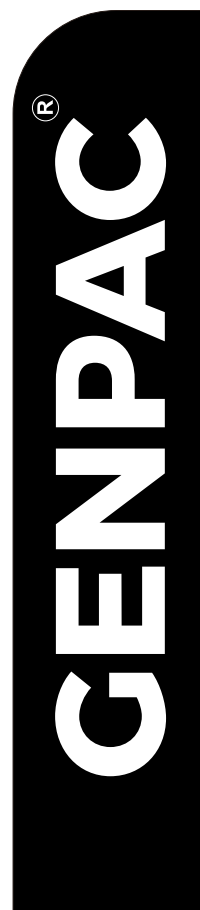
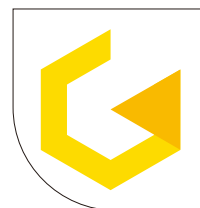


Fuel Consumption	23.3 L/H @ 100% Prime Power
	23.6 L/H @ 100% Standby Power


ELECTRICAL EQUIPMENT



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



Weight & Dimensions

DIMENSION		OPEN	SILENT	
Length	mm	2150	2750	
Width	mm	920	1150	
Height	mm	1500	1550	
Weight	Kg	1200	1821	

