



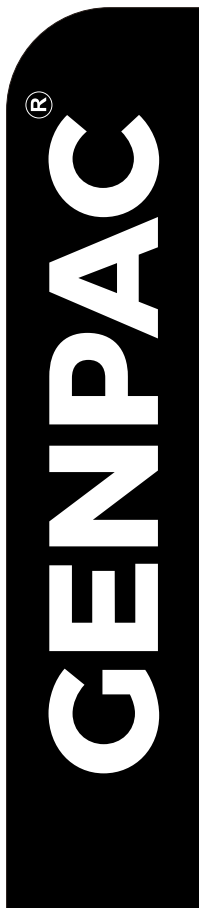
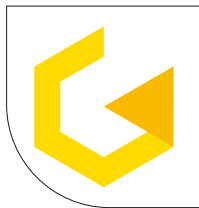
Engine Specifications

DIESEL ENGINE DATA

Engine Model	Cummins KTA50-G3
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	13.9 : 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)	1250	1000
Standby (S)	1375	1100

LUBRICATING SYSTEM



Maximum Oil Temperature	121 °C
Total Lubrication Capacity	177 Litres

SAFETY DEVICE



Low Oil Pressure
High Water Temperature and Overspeed

COOLING SYSTEM



Maximum Top Tank - Prime	100 °C
Total Coolant Capacity (engine only)	152 liters

FUEL SYSTEM



Split element fuel filter

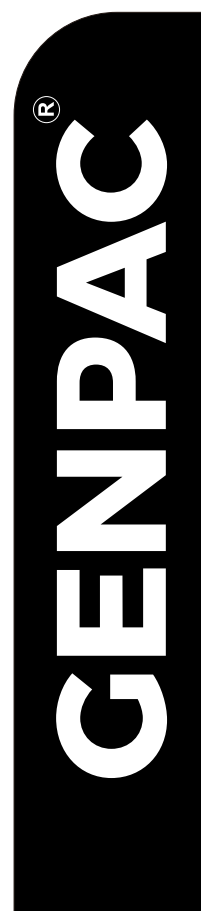
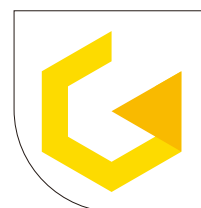
	261 L/H @ 100%
Fuel Consumption	Prime Power 293 L/H @ 100% Standby Power

ELECTRICAL EQUIPMENT




Cranking Motor (Heavy Duty, Positive Engagement) 24V

Battery Charging System, Negative Ground 35A



Weight & Dimensions

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

