



## Engine Specifications

### DIESEL ENGINE DATA

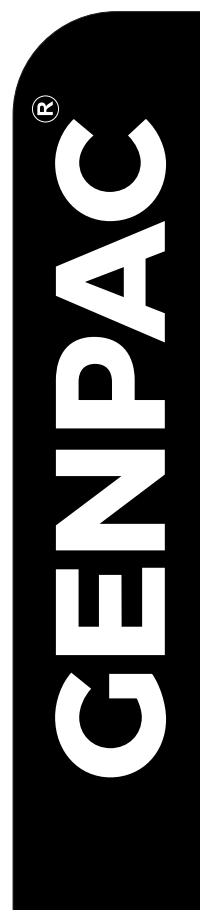
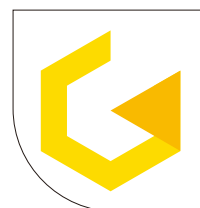


Engine Model	CUMMINS KTA19-G8
No Of Cylinder / Arrangement	6 , in Line
Cycle	4 Stroke
Aspiration	Turbocharged And Charge Air Cooled
Bore X Stroke	159 X 159 mm
Displacement Total	18.9 liters
Compression Ratio	13.9 : 1
Combustion System	Direct injection
Direction Of Rotation	Anti Clockwise Viewed From 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)	600	480
Standby (S)	660	528

## LUBRICATING SYSTEM



Maximum Oil Temperature	121 °C
Total Lubrication Capacity	50 Liters

## SAFETY DEVICE



Low Oil Pressure  
High Water Temperature and Overspeed

## COOLING SYSTEM



Total Coolant Capacity	66 liters
Maximum Top Tank Temp	100 °C
Standard Thermostat (Modulating) Range	82-95 °C

## FUEL SYSTEM

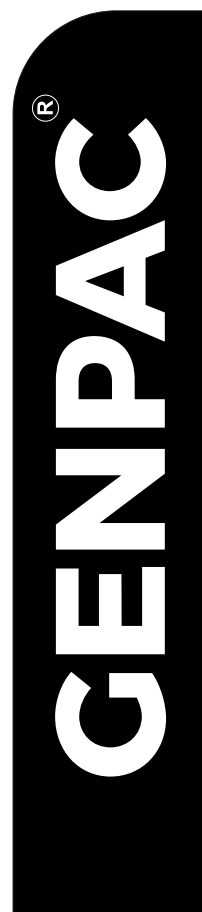
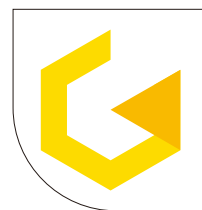


	- L/H @ 100%
Fuel Consumption	Prime Power
	137 L/H @ 100%
	Standby Power


## ELECTRICAL EQUIPMENT



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



## Weight & Dimensions

DIMENSION		OPEN	SILENT	
Length	mm	3200	5000	
Width	mm	1280	1800	
Height	mm	1950	2250	
Weight	Kg	1700	5300	

