



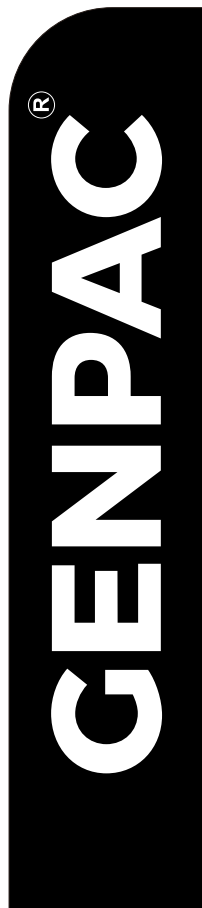
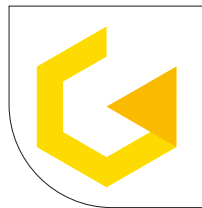
## Engine Specifications

### DIESEL ENGINE DATA

Engine Model	CUMMINS KTA19-G3A
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)	500	400
Standby (S)	550	440

## LUBRICATING SYSTEM



Maximum Oil Temperature	121 °C
Total Lubrication Capacity	50 Liters

## COOLING SYSTEM



Total Coolant Capacity (Engine only)	30 liters
Maximum Top Tank Temp.	100 °C

## FUEL SYSTEM



Maximum Fuel Inlet Temp.	70 °C
Fuel Consumption	97 L/H @ 100% Prime Power 107 L/H @ 100% Standby Power

## ELECTRICAL EQUIPMENT

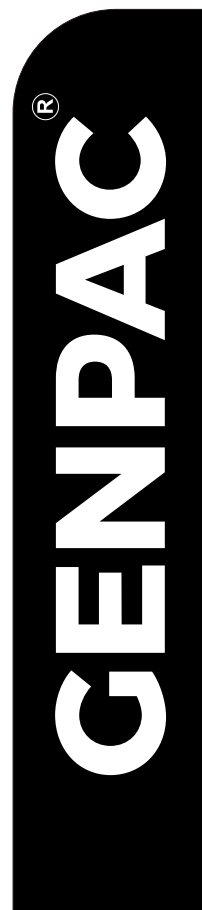
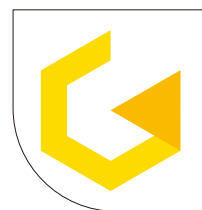


Cranking Motor (Heavy Duty, Positive Engagement) 24V
Battery Charging System, Negative Ground 35A


## SAFETY DEVICE



Low Oil Pressure
High Water Temperature and Overspeed



## Weight & Dimensions

DIMENSION		OPEN	SILENT	
Length	mm	3600	5000	
Width	mm	1305	1600	
Height	mm	1950	2200	
Weight	Kg	3150	5800	

