



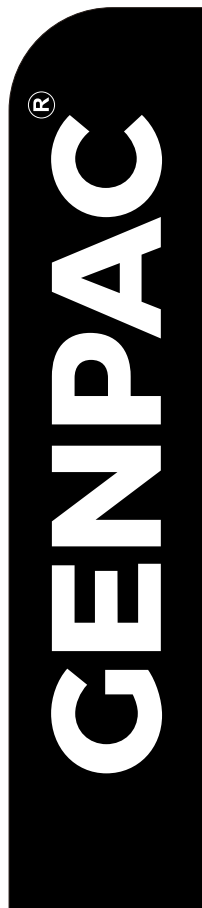
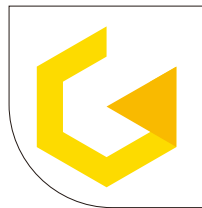
Engine Specifications

DIESEL ENGINE DATA

Engine Model	CUMMINS KTA19-G6A
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)	625	500
Standby (S)	687	550

LUBRICATING SYSTEM



Wet Steel Sump With Filler
And Dipstick
Spin-On Full-Flow Lub. Oil
Filter

Total Lubrication Capacity 50 Liters

COOLING SYSTEM



Total Coolant Capacity 30 liters

Maximum Top Tank Temp.
Prime 100 °C

Standard Thermostat
(Modulating) Range 82-93 °C

FUEL SYSTEM



Maximum Fuel Flow to
Injection Pump 242 L/H

Fuel Consumption 127.8 L/H @ 100%
Prime Power
149.5 L/H @ 100%
Standby Power

ELECTRICAL EQUIPMENT



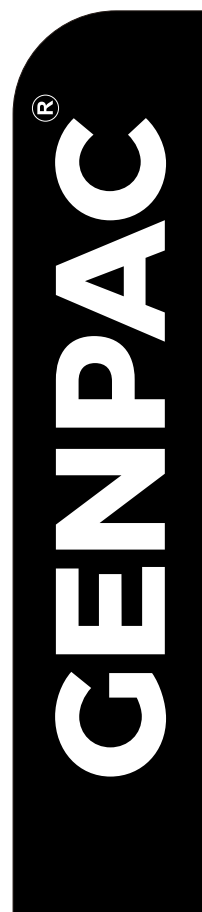
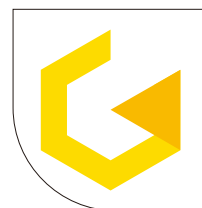
Cranking Motor (Heavy Duty, Positive Engagement) 12 /
24V

Battery Charging System, Negative Ground 40A


SAFETY DEVICE



Low Oil Pressure
High Water Temperature and Overspeed



Weight & Dimensions

DIMENSION		OPEN	SILENT	
Length	mm	3600	5000	
Width	mm	1550	1800	
Height	mm	2100	2250	
Weight	Kg		5300	

