



Engine Specifications

DIESEL ENGINE DATA

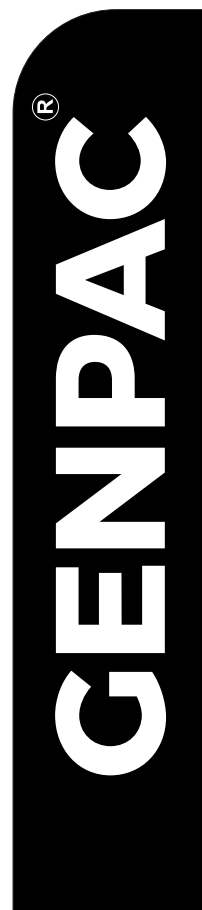
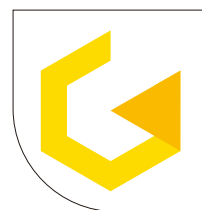


Engine Model	Perkins 1106A-70TAG4
No Of Cylinder / Arrangement	6, In Line
Cycle	4 Stroke
Aspiration	Turbocharged Aftercooled
Bore X Stroke	105 x 135 mm
Displacement Total	7.01 liters
Compression Ratio	16.0 : 1
Combustion System	Direct Injection
Direction Of Rotation	Anti Clockwise Viewed On Flywheel
Cooling System	Water Cooled
Air Intake System	Mounted Air Filter

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)	200	160
Standby (S)	220	176

LUBRICATING SYSTEM



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

Total Lubrication Capacity 16.5 Liters

SAFETY DEVICE



Low Oil Pressure
High Water Temperature and Overspeed

COOLING SYSTEM



Thermostatically-Controlled
System With Belt Driven
Coolant Pump And Pusher
Fan

Mounted Radiator, piping
and guards

Total Coolant Capacity 21 liters

FUEL SYSTEM



Mechanical Governed
Cassete Type Full Injection
Pump
Split Element Fuel Filter

Fuel Consumption	45.8 L/H @ 100% Prime Power 49.4 L/H @ 100% Standby Power
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ELECTRICAL EQUIPMENT

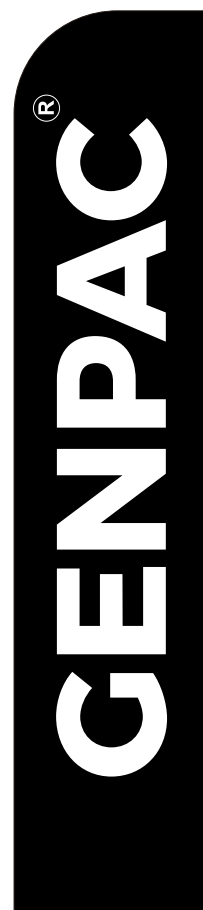
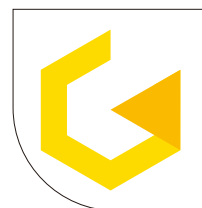


Alternator voltage 12 volts


Alternator output 65 Amps

Starter motor voltage 12 Volts

Starter Motor Power 4.2 Kw



Weight & Dimensions

DIMENSION		OPEN	SILENT	
Length	mm	2550	3500	
Width	mm	950	1300	
Height	mm	1608	1850	
Weight	Kg	1610	2417	

