



Engine Specifications

DIESEL ENGINE DATA

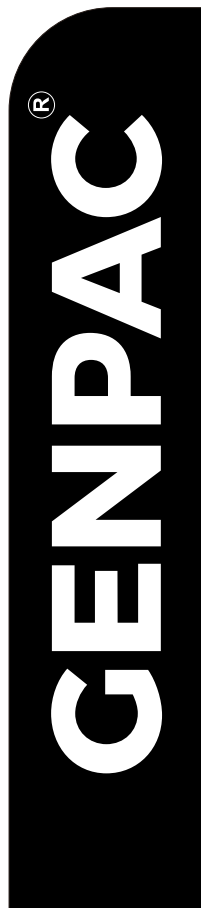
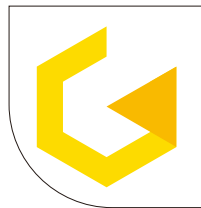


Engine Model	Perkins 2806C-E18TAG1A
No Of Cylinder / Arrangement	6, In Line
Cycle	4 Stroke
Aspiration	Turbocharged and Air to Air Chargecooled
Bore X Stroke	145 x 183 mm
Displacement Total	18.1 liters
Compression Ratio	14.5 : 1
Combustion System	Direct Injection
Direction Of Rotation	Anti Clockwise Viewed 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)	600	480
Standby (S)	660	528

LUBRICATING SYSTEM



Wet Sump With Filler And Dipstick

Full-Flow Replaceable

'Ecoplus' Filter

Oil Cooler Integral With Filter Header

Total Lubrication Capacity 62 Liters

COOLING SYSTEM



Gear-Driven Circulating Pump

Mounted Belt-Driven Pusher Fan

Radiator Incorporating Air-To-Air Charge Cooler, (Supplied Loose)

System Designed For Ambients Up To 50°C

Low Coolant Level Switch

Total Coolant Capacity 61 liters

FUEL SYSTEM



Mechanically Actuated Electronically Controlled Unit Fuel Injectors With Full Authority Electronic Control

Replaceable 'Ecoplus' fuel filter elements with primary filter/water separator

Fuel Cooler

Fuel Consumption

123 L/H @ 100%
Prime Power
134 L/H @ 100%
Standby Power

ELECTRICAL EQUIPMENT



24 volt starter motor and 24 volt 70 amp alternator with DC output

ECM mounted on engine with wiring looms and sensors

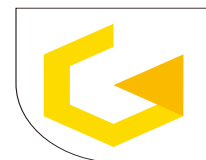
3 level engine protection system

SAFETY DEVICE




Low Oil Pressure

High Water Temperature and Overspeed



Weight & Dimensions

DIMENSION		OPEN	SILENT	
Length	mm	3365	5250	
Width	mm	1536	1800	
Height	mm	1807	2300	
Weight	Kg	4746	8746	

