



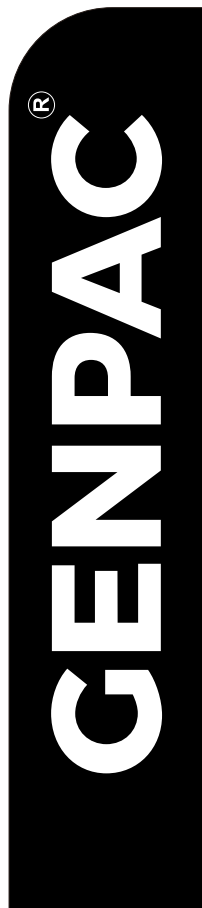
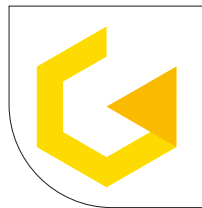
## Engine Specifications

### DIESEL ENGINE DATA

Engine Model	Perkins 4008-30TAG1A
No Of Cylinder / Arrangement	8 , Vertical in Line
Cycle	4 Stroke
Aspiration	Turbocharged And Air To Air Charge Cooled
Bore X Stroke	160 x 190 mm
Displacement Total	30.561 liters
Compression Ratio	13.6 : 1
Combustion System	Direct injection
Direction Of Rotation	Anti Clockwise Viewed On Flywheel
Cooling System	Water Cooled
Air Intake System	Mounted Air Filters And Turbochargers

### 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)	900	720
Standby (S)	990	792

## LUBRICATING SYSTEM



Wet Full Aluminium Sump  
With Filler And Dipstick

Full-Flow Spin-On Oil Filters

Total Lubrication Capacity **153 Liters**

## COOLING SYSTEM



Two Twin Thermostats  
System Designed For  
Ambient Temperatures Of  
Up To 50°C

Total Coolant Capacity **149 liters**

## FUEL SYSTEM



Unit Fuel Injectors With Lift  
Pump And Hand Stop  
Control

Digital Electronic Governor  
To Iso 3046 Part 4 Class A1

Full Flow Spin-On Filters

Fuel Consumption **195 L/H @ 100%  
Prime Power**  
**218 L/H @ 100%  
Standby Power**

## ELECTRICAL EQUIPMENT



24 Volt Starter Motor And 24 Volt/40 Amp Alternator  
With Integral Regulator And Dc Output

24 Volt Combined High Coolant Temperature/Low Oil  
Pressure Switch

Overspeed Switch And Magnetic Pickup

Turbine inlet temperature shutdown switch

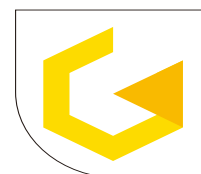
24 VOLT STOP SOLENOID (ENERGISED TO RUN)

## SAFETY DEVICE




Low Oil Pressure

High Water Temperature and Overspeed




## Weight & Dimensions

DIMENSION		OPEN	SILENT	
Length	mm	4700	6058	
Width	mm	2070	2100	
Height	mm	2420	3400	
Weight	Kg	8892	11292	

