



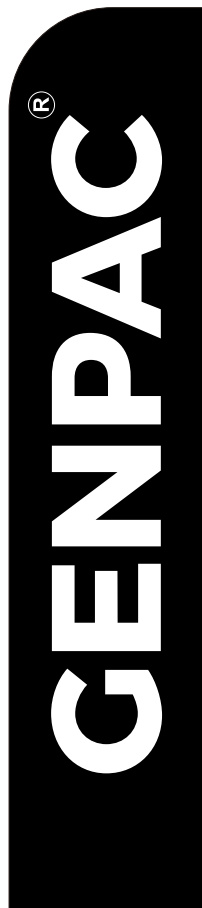
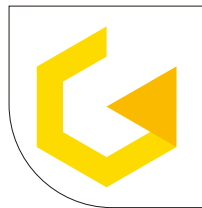
## Engine Specifications

### DIESEL ENGINE DATA

Engine Model	Perkins 1103A-33TG2
No Of Cylinder / Arrangement	3, In Line
Cycle	4 Stroke
Aspiration	Turbo Charged
Bore X Stroke	105 x 127 mm
Displacement Total	3.3 liters
Compression Ratio	17.25 : 1
Combustion System	Direct Injection
Direction Of Rotation	Anti Clockwise Viewed On 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)	60	48
Standby (S)	66	53

## LUBRICATING SYSTEM



Spin-on full flow lub oil filter

Wet steel sump with filler  
and dipstick

Total Lubrication Capacity **8.3 Liters**

## COOLING SYSTEM



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

Mounted Radiator, piping  
and guards

Total Coolant Capacity **10.2 liters**

## FUEL SYSTEM



Rotary type Pump

Next Generation Fuel Filter

Fuel Consumption	14.6 L/H @ 100% Prime Power
	15.9 L/H @ 100% Standby Power

## ELECTRICAL EQUIPMENT



12 volt Electronic Shut Off Solenoid (ESOS) energised to  
run

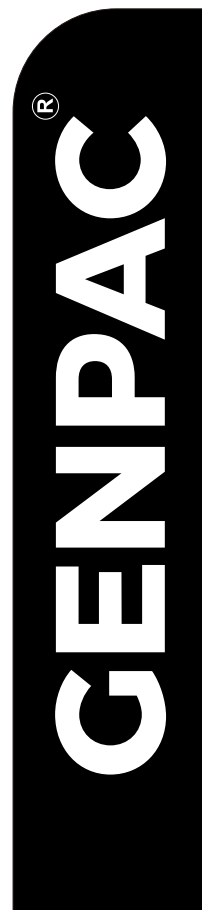
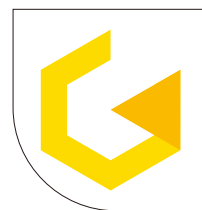
12 volt starter motor and 12 volt 65 amp alternator  
with DC output

## SAFETY DEVICE




Low Oil Pressure

High Water Temperature and Overspeed



## Weight & Dimensions

DIMENSION		OPEN	SILENT	
Length	mm	1740	2250	
Width	mm	880	1100	
Height	mm	1245	1300	
Weight	Kg	946	1306	

