



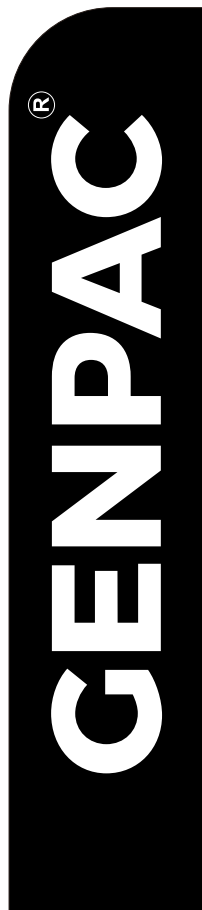
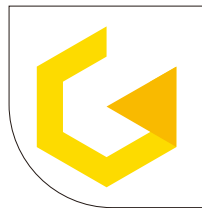
Engine Specifications

DIESEL ENGINE DATA

Engine Model	Perkins 1104A-44TG2
No Of Cylinder / Arrangement	4, In Line
Cycle	4 Stroke
Aspiration	Turbo Charged
Bore X Stroke	105 x 127 mm
Displacement Total	4.4 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)	80	64
Standby (S)	88	70

LUBRICATING SYSTEM



Spin-on full flow lub oil filter

Wet steel sump with filler
and dipstick

Total Lubrication Capacity **8Liters**

COOLING SYSTEM



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

Mounted Radiator, piping
and guards

Total Coolant Capacity **13 liters**

FUEL SYSTEM



Rotary type Pump

Ecoplus Fuel Filter

Fuel Consumption **18.7 L/H @ 100%
Prime Power**
**20.5 L/H @ 100%
Standby Power**

ELECTRICAL EQUIPMENT



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

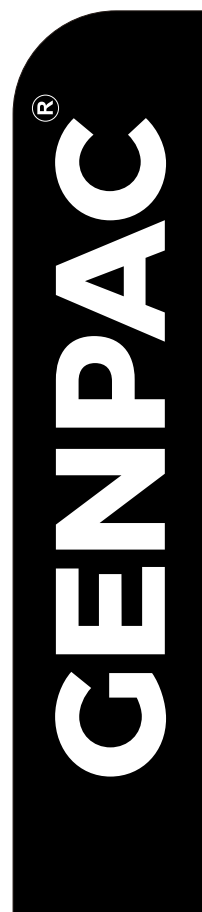
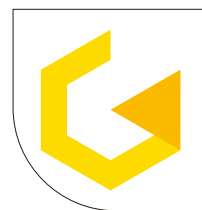
12 volt starter motor and 12 volt 65 amp alternator
with DC output

SAFETY DEVICE




Low Oil Pressure

High Water Temperature and Overspeed



Weight & Dimensions

DIMENSION		OPEN	SILENT	
Length	mm	1900	2500	
Width	mm	1000	1100	
Height	mm	1260	1400	
Weight	Kg	946	1708	

