



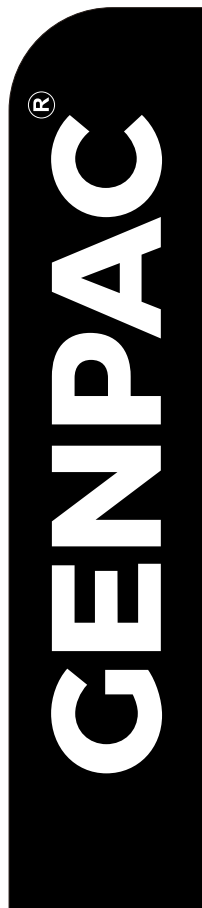
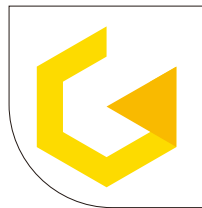
Engine Specifications

DIESEL ENGINE DATA

Engine Model	Perkins 404D-22G
No Of Cylinder / Arrangement	3, In Line
Cycle	4 Stroke
Aspiration	Naturally Aspirated
Bore X Stroke	84 x 100 mm
Displacement Total	2.216 liters
Compression Ratio	23.3 : 1
Combustion System	Indirect 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)	20	16
Standby (S)	22	18

LUBRICATING SYSTEM



Spin-on full flow lub oil filter

Wet steel sump with filler
and dipstick

Total Lubrication Capacity **10.6 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 **7.0 liters**

FUEL SYSTEM



Mechanically Governed
Cassette Type Fuel Injection
Pump

Split element fuel filter

Fuel Consumption **5.3 L/H @ 100%
Prime Power**
**6.1 L/H @ 100%
Standby Power**

ELECTRICAL EQUIPMENT

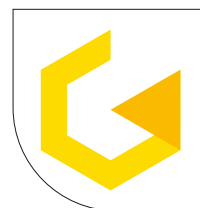


12 volt Electronic Shut Off Solenoid (ESOS) energised to
run


12 volt starter motor and 12 volt 15 amp alternator
with DC output

Glow plug cold start aid and heater/starter switch

Oil pressure and coolant temperature switches



Weight & Dimensions

DIMENSION		OPEN	SILENT	
Length	mm	1450	1800	
Width	mm	700	900	
Height	mm	1050	1100	
Weight	Kg	553	839	

