



Engine Specifications

DIESEL ENGINE DATA



Engine Model	Perkins 1104C-44TAG2
No Of Cylinder / Arrangement	4, In Line
Cycle	4 Stroke
Aspiration	Turbo Charged, Air To Air Charged Cooled
Bore X Stroke	105 x 127 mm
Displacement Total	4.41 liters
Compression Ratio	18.2 : 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

GENPAC®

Rating 50 Hz (1500 RPM)	KVA	KW
Continuous (C)		
Prime (P)	100	80
Standby (S)	110	88

LUBRICATING SYSTEM



Spin-on full flow lub oil filter

Wet steel sump with filler
and dipstick

Total Lubrication Capacity 8 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 12.6 liters



FUEL SYSTEM



Rotary type Pump

Ecoplus Fuel Filter

26.9 L/H @ 100%

Prime Power

29.7 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

Glow Plug Cold Start Aid

GENPAC®

Weight & Dimensions

DIMENSION		OPEN	SILENT	
Length	mm	2100	2500	
Width	mm	815	1100	
Height	mm	1310	1400	
Weight	Kg	1103	1589	

