



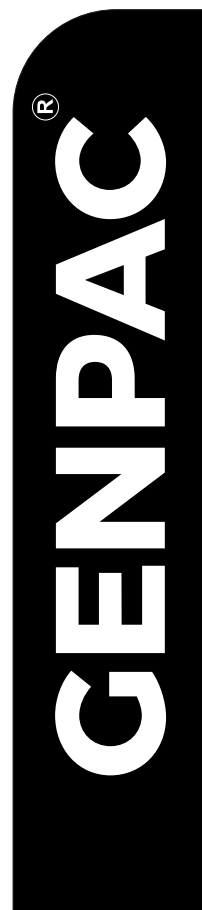
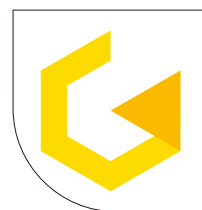
Engine Specifications

DIESEL ENGINE DATA

Engine Model	Perkins 403A-15G2
No Of Cylinder / Arrangement	3, In Line
Cycle	4 Stroke
Aspiration	Naturally Aspirated
Bore X Stroke	84 x 90 mm
Displacement Total	1.5 liters
Compression Ratio	22.5 : 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)	15	12
Standby (S)	16.5	13.2

LUBRICATING SYSTEM



Spin-on full flow lub oil filter

Wet steel sump with filler
and dipstick

Total Lubrication Capacity **6.0 Liters**

COOLING SYSTEM



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

Mounted Radiator, piping
and guards

Total Coolant Capacity **6.0 liters**

FUEL SYSTEM



Mechanically Governed
Cassette Type Fuel Injection
Pump

Split element fuel filter

Fuel Consumption **5 L/H @ 100%
Prime Power
6 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

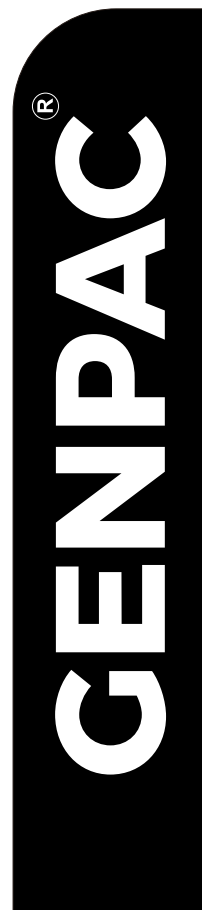
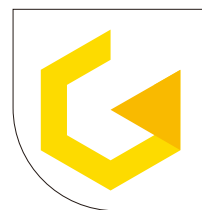
Oil pressure and coolant temperature switches

SAFETY DEVICE




Low Oil Pressure

High Water Temperature and Overspeed



Weight & Dimensions

DIMENSION		OPEN	SILENT	
Length	mm	1120	1650	
Width	mm	700	900	
Height	mm	1100	1100	
Weight	Kg	497	721	

