



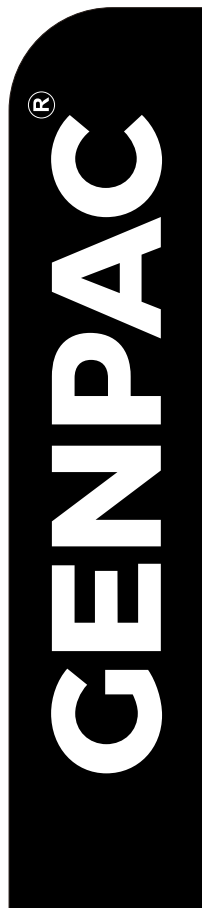
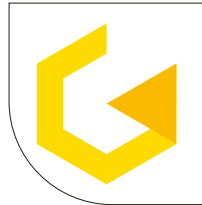
Engine Specifications

DIESEL ENGINE DATA

Engine Model	Perkins 4016-61TRG3
No Of Cylinder / Arrangement	16 , V
Cycle	4 Stroke
Aspiration	Quad Turbocharged And Air To Water Charge Cooled
Bore X Stroke	160 x 190 mm
Displacement Total	45.8 liters
Compression Ratio	13 : 1
Combustion System	Direct injection
Direction Of Rotation	Anti Clockwise Viewed On Flywheel
Cooling System	Water Cooled
Air Intake System	Mounted Air Filters And Turbochargers

GENERATOR DATA

Manufacture	Rexford
Phase Power	3
Voltage	230/400 Volt
Power Factor	0.8
Coupling	Direct
Bearing Number	1
Index Protection	22
Insulation Class	H
Exciter Type	S Hunt
Pole Number	4



Rating 50 Hz (1500 RPM)	KVA	KW
Continuous (C)		
Prime (P)	2250	1800
Standby (S)	2475	1980

LUBRICATING SYSTEM



Wet Sump With Filler And Dipstick

Full-Flow Spin-On Oil Filters
Engine Jacket Water/Lube Oil Temperature Stabilizer

Total Lubrication Capacity 237.2 Liters

COOLING SYSTEM



Two triple thermostats

System Designed For Ambient Temperatures Of Up To 50°C

Powder Coated Radiator Comprising: Water Radiator, Air Charge-Cooled Radiator, Fuel Oil Cooling (Optional), All Pipes, Hoses And Clips, Fan, Pulleys, Fan Belts And Safety Guards.

Total Coolant Capacity 270 liters

FUEL SYSTEM



Direct Fuel Injection System With Fuel Lift Pump

Digital Governing To Iso 8528-5 Class G2 With Isochronous Capability

Full Flow Spin-On Filters

Fuel Consumption 470 L/H @ 100% Prime Power
529 L/H @ 100% Standby Power

ELECTRICAL EQUIPMENT

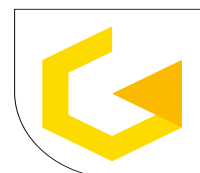


24 Volt Starter Motor And 24 Volt Alternator With Integral Regulator And DC Output
Turbine Inlet Temperature Protection
Twin High Coolant Temperature Shutdown Switch
Twin Low Oil Pressure Shutdown Switch
Air shut off valve wiring harness - fully wired

SAFETY DEVICE




Low Oil Pressure
High Water Temperature and Overspeed



GENPAC[®]

Weight & Dimensions

DIMENSION		OPEN	SILENT	
Length	mm	5585	12192	
Width	mm	2775	2438	
Height	mm	3550	2896	
Weight	Kg	14081	18200	

