



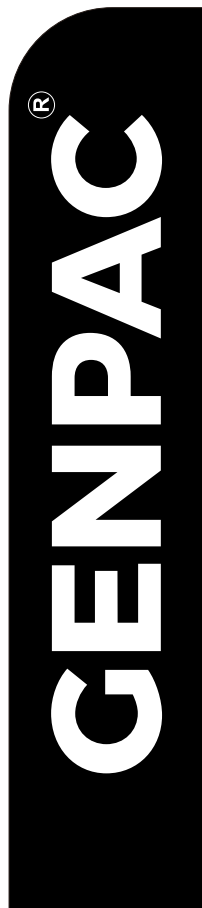
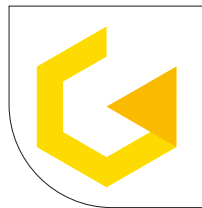
Engine Specifications

DIESEL ENGINE DATA

Engine Model	Perkins 4012-46TAG3A
No Of Cylinder / Arrangement	12 , V
Cycle	4 Stroke
Aspiration	Turbocharged And Air To Air 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)	1650	1320
Standby (S)	1815	1452

LUBRICATING SYSTEM



Wet Full Aluminium Sump
With Filler And Dipstick
Spin-on full-flow lub oil filter
Total Lubrication Capacity

177 Liters

COOLING SYSTEM



Two Twin Thermostats
System Designed For
Ambient Temperatures Of
Up To 50°C
Total Coolant Capacity

207 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

370 L/H @ 100%
Prime Power
405 L/H @ 100%
Standby Power

ELECTRICAL EQUIPMENT

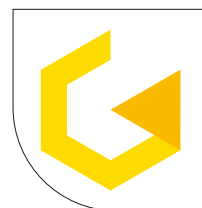


24 Volt Starter Motor And 24 Volt Alternator With
Integral Regulator And DC Output
Turbine Inlet Temperature Protection
Twin High Coolant Temperature Protection Switch
Twin Low Oil Pressure Shutdown Switch


SAFETY DEVICE



Low Oil Pressure
High Water Temperature and Overspeed



Weight & Dimensions

DIMENSION		OPEN	SILENT	
Length	mm	5000	1219	
Width	mm	2185	2438	
Height	mm	2700	2896	
Weight	Kg	13120	18920	

