



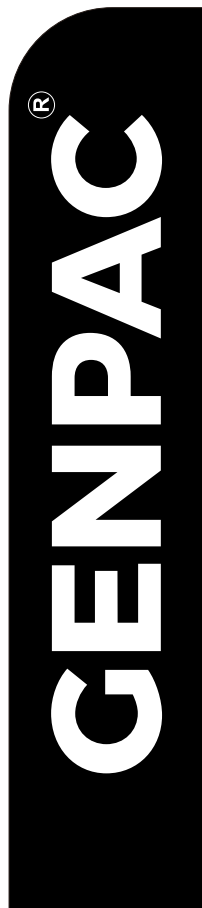
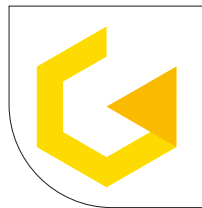
Engine Specifications

DIESEL ENGINE DATA

Engine Model	Perkins 4012-46TAG2A
No Of Cylinder / Arrangement	12 , V Form
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	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)	1505	1200
Standby (S)	1650	1320

LUBRICATING SYSTEM



Wet Sump With Filler And Dipstick

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

Total Lubrication Capacity 177 Liters

COOLING SYSTEM



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

Total Coolant Capacity 210 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 310 L/H @ 100% Prime Power
341 L/H @ 100% Standby Power

ELECTRICAL EQUIPMENT

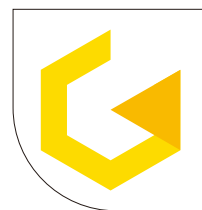


24 Volt Starter Motor And 24 Volt Alternator With Integral Regulator And DC Output
Turbine Inlet Temperature Protection
Twin High Coolant Temperature Shutdown Switch
Twin Low Oil Pressure Shutdown Switch


SAFETY DEVICE



Low Oil Pressure
High Water Temperature and Overspeed



Weight & Dimensions

DIMENSION		OPEN	SILENT	
Length	mm	4760	12192	
Width	mm	1780	2438	
Height	mm	2480	2896	
Weight	Kg	12268	18068	

