



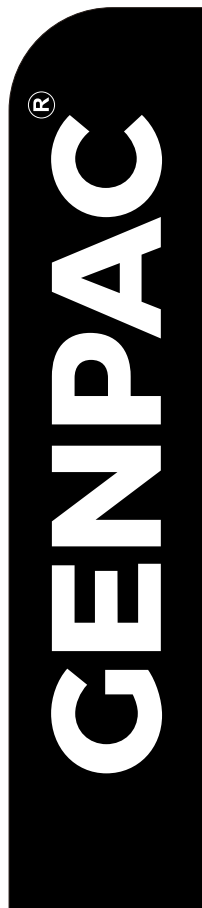
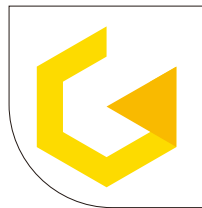
## Engine Specifications

### DIESEL ENGINE DATA

Engine Model	Perkins 4012-46TWG2A
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)	1250	1000
Standby (S)	1375	1100

## 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 201 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 259 L/H @ 100% Prime Power

Fuel Consumption 288 L/H @ 100% Standby Power

## ELECTRICAL EQUIPMENT

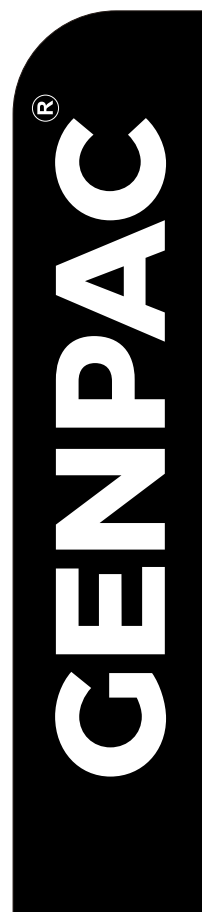
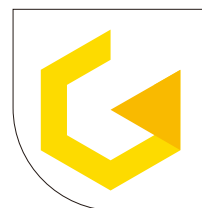


24 Volt Starter Motor And 24 Volt Alternator With Integral Regulator And DC Output  
Turbine Inlet Temperature Protection  
Twin High Coolant Temperature Shutdown Switch  
Twin Low Oil Pressure Shutdown Switch


## SAFETY DEVICE



Low Oil Pressure  
High Water Temperature and Overspeed



## Weight & Dimensions

DIMENSION		OPEN	SILENT	
Length	mm	4752	6058	
Width	mm	1868	2438	
Height	mm	2344	2591	
Weight	Kg	8400	10800	

