



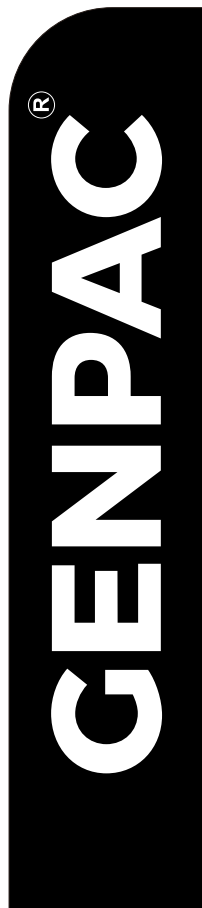
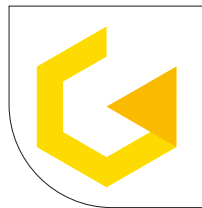
## Engine Specifications

### DIESEL ENGINE DATA

Engine Model	VOLVO TWD1644GE
No Of Cylinder / Arrangement	6 , in Line
Cycle	4 Stroke
Aspiration	2 Stage Turbocharged With Intercooling and Aftercooling
Bore X Stroke	144 X 165 mm
Displacement Total	16.12 liters
Compression Ratio	16.8 : 1
Combustion System	Direct Injection
Direction Of Rotation	Anti Clockwise Viewed On Flywheel
Cooling System	Water Cooled
Air intake system	Mounted Air Filter

### 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)	652	521
Standby (S)	717	573

## LUBRICATING SYSTEM

Full Flow Oil Cooler	
Full Flow Disposable Spin On Oil Filter	
Bypass Filter With Extra High Filtration	
Total Lubrication Capacity	48 Liters

## COOLING SYSTEM

Dual Circuit	
Belt Driven Coolant Pumps With High Degree Of Efficiency	
Water Cooled Charge Air Coolers	
Total Coolant Capacity Incl. Piping, CAC Circuit, KT	50 Liters

## FUEL SYSTEM

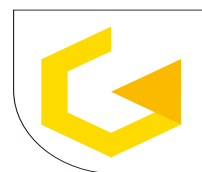
Electronic High Pressure Unit Injectors	
Fuel Prefilter With Water Sparator and Water in Fuel Indicator / Alarm	
Fine Fuel Filter With Manual Feed Pump And Fuel Pressure Sensor	
Fuel Consumption	194 g/kwh @ 100% Prime Power 192 g/kWh @ 100% Standby Power

## ELECTRICAL EQUIPMENT


Altenator	80A / 24 V
Starter motor	7.0kw , 24 V

## SAFETY DEVICE

Low Oil Pressure	
High Water Temperature and Overspeed	



## Weight & Dimensions

DIMENSION		OPEN	SILENT	
Length	mm	3260	5250	
Width	mm	1330	1800	
Height	mm	2816	2300	
Weight	Kg	4750	7400	

