



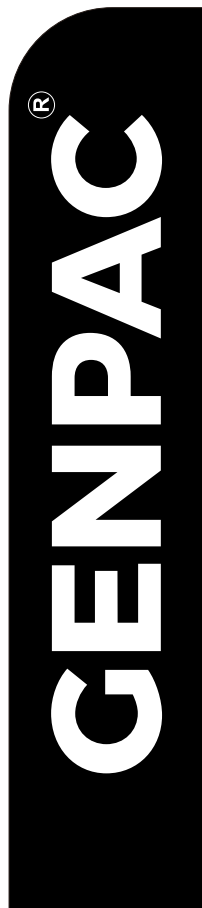
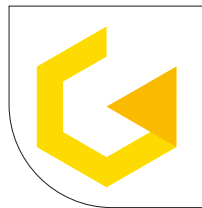
Engine Specifications

DIESEL ENGINE DATA

Engine Model	VOLVO TWD1645GE
No Of Cylinder / Arrangement	6 , in Line
Cycle	4 Stroke
Aspiration	Dual Stage Turbo With Twin Charge Air Coolers
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 Charge Air Coolers
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)	700	560
Standby (S)	770	616

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	191 g/kwh @ 100% Prime Power 193 g/kWh @ 100% Standby Power

ELECTRICAL EQUIPMENT

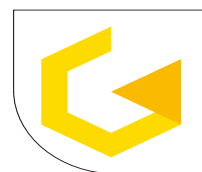


Altenator	80A / 24 V
Starter motor	7.0 kw , 24 V


SAFETY DEVICE



Low Oil Pressure
High Water Temperature and Overspeed



Weight & Dimensions

DIMENSION		OPEN	SILENT	
Length	mm	3620	4400	
Width	mm	1330	1600	
Height	mm	2816	2400	
Weight	Kg	4750	7000	

