



Engine Specifications

DIESEL ENGINE DATA

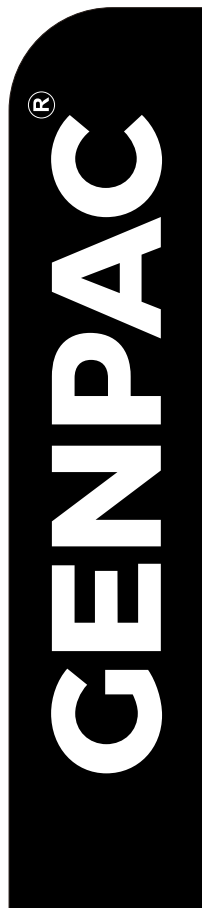
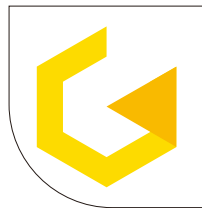


Engine Model	VOLVO TAD734GE
No Of Cylinder / Arrangement	6 , in Line
Cycle	4 Stroke
Aspiration	Turbo With Charge Air Cooler (CAC)
Bore X Stroke	108 X 130 mm
Displacement Total	7.15 liters
Compression Ratio	17 : 1
Combustion System	Direct Injection
Direction Of Rotation	Anti Clockwise Viewed On Flywheel
Cooling System	Tropical Radiator Incl intercooler
Air intake system	Two-Stage Air Filter With Cyclon

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)	250	200
Standby (S)	275	220

LUBRICATING SYSTEM



Wet oil dipstick

Full-Flow Oil Filter Of Spin-On
Type

Oil cooler, Side Mounted

Total Lubrication Capacity 29 Liters

COOLING SYSTEM



Tropical Incl Intercooler

Pusher Fan

Belt driven coolant pump

Fan Guard

Belt Guard

Total coolant capacity 24 Liters

FUEL SYSTEM



Common Rail

Fuel Filters Of Cartridge
Type

Pre Filter With Water
Separator

Fuel Consumption 204 g/kwh @ 100%
Prime Power
205 g/kWh @ 100%
Standby Power

ELECTRICAL EQUIPMENT



Alternator 100A, 24V

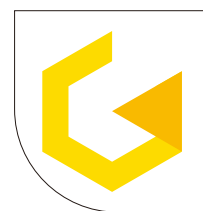
Starter Motor, 5.0 Kw, 24 V

SAFETY DEVICE




Low Oil Pressure

High Water Temperature and Overspeed



Weight & Dimensions

DIMENSION		OPEN	SILENT	
Length	mm	3100	3500	
Width	mm	1100	1300	
Height	mm	2300	1850	
Weight	Kg	2204	3136	

