



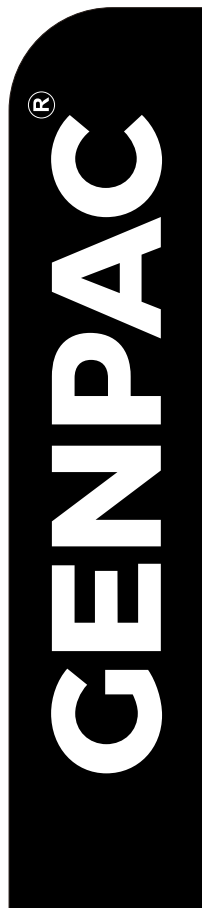
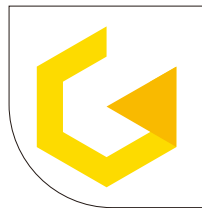
Engine Specifications

DIESEL ENGINE DATA

Engine Model	VOLVO TAD1642GE
No Of Cylinder / Arrangement	6 , in Line
Cycle	4 Stroke
Aspiration	Turbocharged
Bore X Stroke	144 X 165 mm
Displacement Total	16.12 liters
Compression Ratio	16.5 : 1
Combustion System	Direct Injection
Direction Of Rotation	Anti Clockwise Viewed On Flywheel
Cooling System	Tropical Radiator Incl Intercooler
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)	570	456
Standby (S)	627	501

LUBRICATING SYSTEM



Oil Dipstick

Full-Flow Oil Filter Of Spin-On

Type

By-Pass Oil Filter Of Spin-On

Type

Oil Cooler, Side Mounted

Low Noise Oil Sump

Total Lubrication Capacity 48 Liters

COOLING SYSTEM



Tropical Radiator Include

Intercooler

Thrust Fan

Total Coolant Capacity 60 Liters

FUEL SYSTEM



Fuel Filters Of Disposable

Type

Electronic Unit Injectors

Pre-Filter with Water

Separator

Fuel Consumption 200 g/kwh @ 100%
Prime Power

202 g/kWh @ 100%
Standby Power

ELECTRICAL EQUIPMENT



Alternator 60A / 24 V

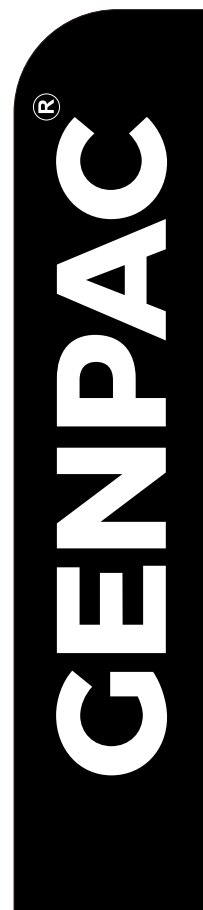
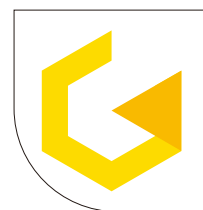
Starter motor 7.0kw , 24 V

SAFETY DEVICE




Low Oil Pressure

High Water Temperature and Overspeed



Weight & Dimensions

DIMENSION		OPEN	SILENT	
Length	mm	3250	5000	
Width	mm	1250	1600	
Height	mm	2550	2250	
Weight	Kg	3878	5122	

