



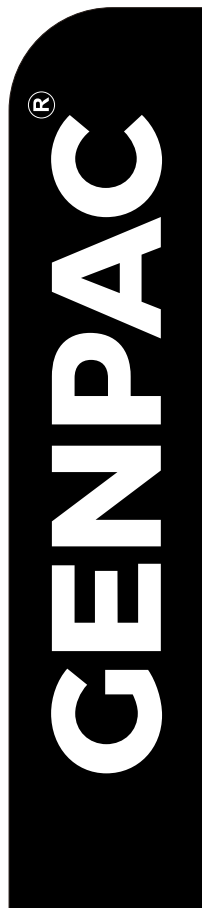
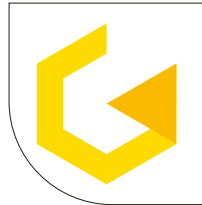
Engine Specifications

DIESEL ENGINE DATA

Engine Model	VOLVO TAD1641GE
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	Water Cooled
Air intake system	Mounted Air Filter

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)	500	400
Standby (S)	550	440

LUBRICATING SYSTEM



Wet 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



Mechanical Fuel Filters Of
Disposable Type
Electronic Unit Injectors

Pre-Filter with Water
Separator

Fuel Consumption 198 g/kwh @ 100%
Prime Power
198 g/kWh @ 100%
Standby Power

ELECTRICAL EQUIPMENT



Alternator 80A / 24 V

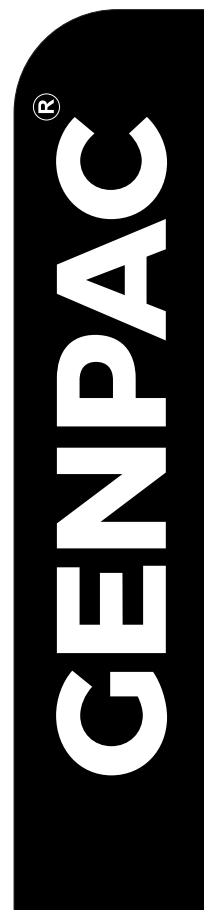
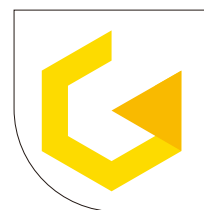
Starter motor 7.0kw , 24 V

SAFETY DEVICE




Low Oil Pressure

High Water Temperature and Overspeed



Weight & Dimensions

DIMENSION		OPEN	SILENT	
Length	mm	3250	4350	
Width	mm	1230	1600	
Height	mm	1800	2250	
Weight	Kg	3878	5122	

