



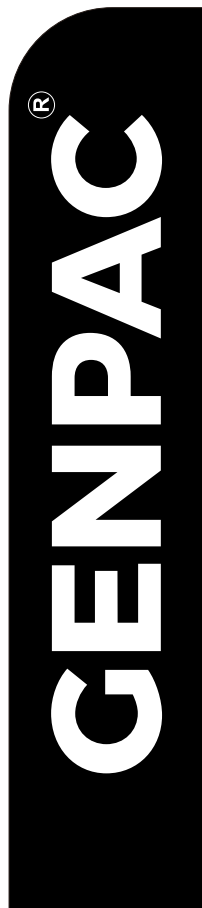
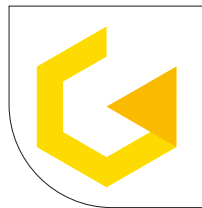
Engine Specifications

DIESEL ENGINE DATA

Engine Model	VOLVO TAD1345GE
No Of Cylinder / Arrangement	6 , in Line
Cycle	4 Stroke
Aspiration	Turbocharged
Bore X Stroke	131 X 158 mm
Displacement Total	12.78 liters
Compression Ratio	18.1 : 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)	450	360
Standby (S)	495	396

LUBRICATING SYSTEM



Lubrication Oil Temp In Oil Sump	130°C
Oil Change Intervals	600 H-VSD3 Type
Total Lubrication Capacity	36 Liters

COOLING SYSTEM



Standart Thermostat (Modulating) Range	82-92°C
Maximum Top Tank Temp.	104°C
Total Coolant Capacity	24 Liters

FUEL SYSTEM



Split Element Fuel Filter	
Fuel Consumption	196 g/kwh @ 100% Prime Power 196 g/kWh @ 100% Standby Power

ELECTRICAL EQUIPMENT

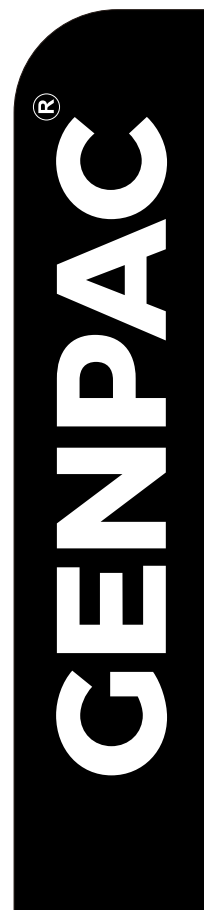
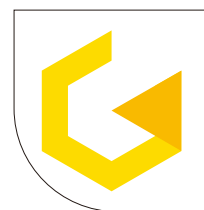


Voltage type	24V
Starter motor	7kw
Cranking current at +20°C	180A
Crank engine speed at 20°C	155 Rpm
Starter motor battery capacity	2 x 225 Ah/A
Inlet manifold heater (at 20 V)	4kw


SAFETY DEVICE



Low Oil Pressure
High Water Temperature and Overspeed



Weight & Dimensions

DIMENSION		OPEN	SILENT	
Length	mm	3250	4350	
Width	mm	1230	1500	
Height	mm	1800	2260	
Weight	Kg	3878	5122	

