



Engine Specifications

DIESEL ENGINE DATA

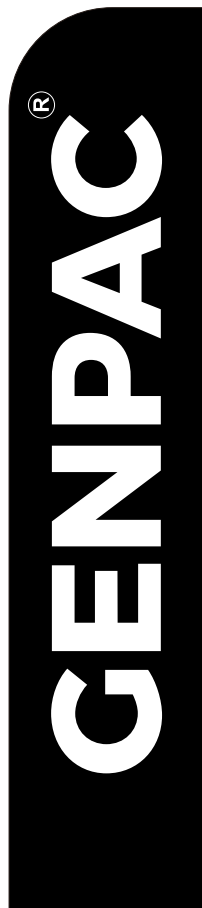
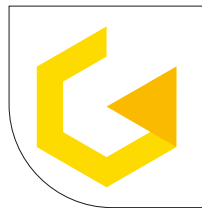


Engine Model	MTU 12V2000G65
No Of Cylinder / Arrangement	12 , V 90°
Cycle	4 Stroke
Aspiration	Exhaust Turbo Charger and Air Charged Cooling
Bore X Stroke	130 X 150 mm
Displacement Total	23.88 Liters
Compression Ratio	16: 1
Combustion System	Direct Injection
Direction Of Rotation	Left, Viewed From Flywheel
Cooling System	Integral Set Mounted; Engine Driven Fan
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)	800	640
Standby (S)	880	704

LUBRICATING SYSTEM



Engine Oil Capacity, Initial Filling	77 Liters
Oil Pan Capacity, Dipstick Mark Min.	50 Liters
Oil Pan Capacity, Dipstick Mark Max.	67 Liters

COOLING SYSTEM



Coolant Temp. (At Engine Outlet To Cooling Equipment)	95°C
Coolant Temp. After Engine, Alarm	97 °C
Coolant Temp. After Engine, Shutdown	102°C
Engine Coolant Capacity (Without Cooling Equipment)	90 Liters

FUEL SYSTEM



Fuel Supply Connection Size	M22x1,5 – 60°/Male
Fuel Return Connection Size	M12x1,5 – 60°/Male
Maximum Fuel Lift	3 m (9,84 ft)
Total Fuel Flow	480 L/H
Fuel Consumption	186 g/kwh @ 100% Prime Power 186 g/kwh @ 100% - L/H @ Standby Power

ELECTRICAL EQUIPMENT

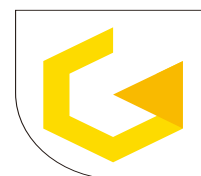


Starter, Rated Voltage	24V
Starter, Rated Voltage	9.0 kw
Starter, Power Requirement Max	1750 A
Starter, Power Requirement At Firing Speed	800 A


SAFETY DEVICE



Low Oil Pressure
High Water Temperature and Overspeed



Weight & Dimensions

DIMENSION		OPEN	SILENT	
Length	mm	4000	6058	
Width	mm	1710	2438	
Height	mm	2200	2591	
Weight	Kg	5440	8360	

