



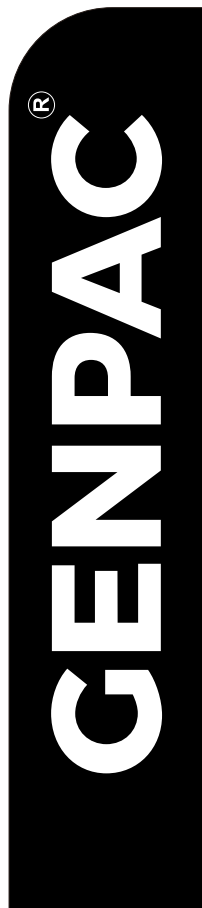
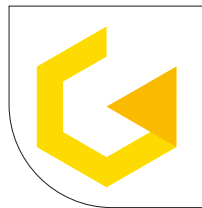
Engine Specifications

DIESEL ENGINE DATA

Engine Model	MTU 16V2000G65
No Of Cylinder / Arrangement	16 , V
Cycle	4 Stroke
Aspiration	Exhaust Turbo Charger and Air Charged Cooling
Bore X Stroke	130 X 150 mm
Displacement Total	31.84 Liters
Compression Ratio	16: 1
Combustion System	Direct Injection
Direction Of Rotation	Left, Viewed From 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)	1000	800
Standby (S)	1100	880

LUBRICATING SYSTEM



Engine Oil Capacity, Initial Filling	102 Liters
Oil Pan Capacity, Dipstick Mark Min.	69 Liters
Oil Pan Capacity, Dipstick Mark Max.	92 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



Mechanical Fuel Supply Flow, Max.	10 L/ Min
Fuel Pressure At Supply Connection On Engine, Max.	+0.5 Bar
Fuel Pressure At Supply Connection On Engine, Min.	-0.3 Bar
Fuel Consumption	199 g/kwh @ 100% Prime Power

ELECTRICAL EQUIPMENT

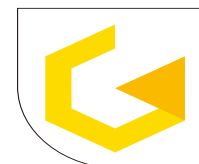


Starter, Rated Voltage	24V
Starter, Rated Voltage	9.5 kw
Starter, Power Requirement Max	1600 A
Starter, Power Requirement At Firing Speed	800 A


SAFETY DEVICE



Low Oil Pressure
High Water Temperature and Overspeed



Weight & Dimensions

DIMENSION		OPEN	SILENT	
Length	mm	4800	6058	
Width	mm	1800	2438	
Height	mm	2200	2591	
Weight	Kg	6500	8900	

