



Engine Specifications

DIESEL ENGINE DATA

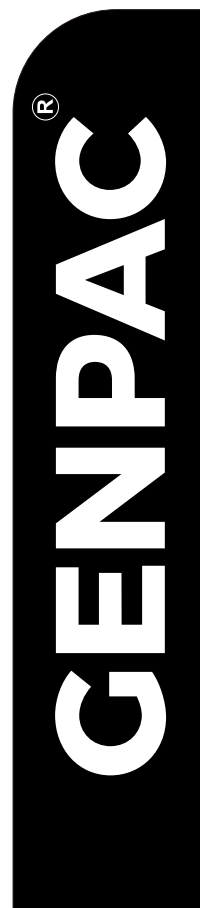
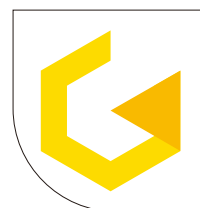


Engine Model	Perkins 4008-TAG2
No Of Cylinder / Arrangement	8 , Vertical In-Line
Cycle	4 Stroke
Aspiration	Turbocharged And Air To Air Charge Cooled
Bore X Stroke	160 x 190 mm
Displacement Total	30.5 liters
Compression Ratio	13.6: 1
Combustion System	Direct injection
Direction Of Rotation	Anti Clockwise Viewed On Flywheel
Cooling System	Water Cooled
Air Intake System	Mounted Air Filters And Turbochargers

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)	1000	800
Standby (S)	1100	880

LUBRICATING SYSTEM



Wet Sump With Filler And
Dipstick

Full-Flow Spin-On Oil Filters
Engine Jacket Water/Lube Oil
Temperature Stabilizer

Total Lubrication Capacity 153 Liters

ELECTRICAL EQUIPMENT



24 Volt Starter Motor And 24 Volt Alternator With
Integral Regulator And DC Output
Turbine Inlet Temperature Protection
High Coolant Temperature Shutdown Switch
Low Oil Pressure Shutdown Switch

COOLING SYSTEM



Twin Thermostats
Gear Driven Circulating
Pump
Crankshaft Pulley For Fan
Drive

Powder coated radiator
assemblies comprising:
water radiator; air charge
cooled radiator; fuel oil
cooling (optional); all pipes,
hoses and clips; fan; pulley;
fan belts and safety guards
Total Coolant Capacity 162 liters

SAFETY DEVICE



Low Oil Pressure
High Water Temperature and Overspeed

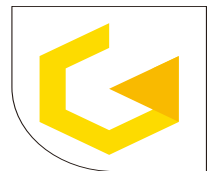
FUEL SYSTEM



Direct Fuel Injection System
With Fuel Lift Pump

Digital Governing To Iso
8528-5 Class G2 With
Isochronous Capability
Full Flow Spin-On Filters

Fuel Consumption 259 L/H @ 100% Prime
Power
288 L/H @ 100%
Standby Power



Weight & Dimensions

DIMENSION		OPEN	SILENT	
Length	mm	4700	6058	
Width	mm	2070	2100	
Height	mm	2420	3400	
Weight	Kg	8892	11292	

