



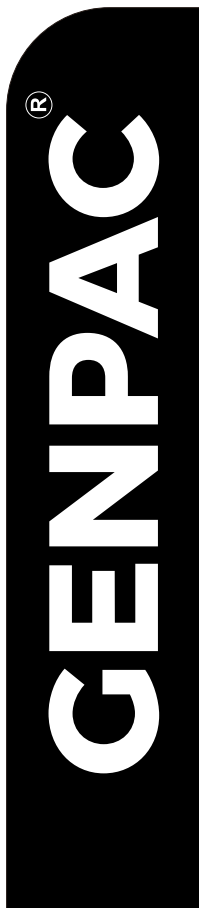
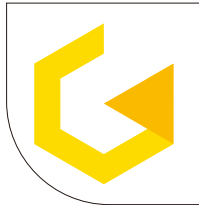
Engine Specifications

DIESEL ENGINE DATA

| | |
|------------------------------|-------------------------------------|
| Engine Model | Cummins QSK60-G4 |
| No Of Cylinder / Arrangement | 16 , V Form |
| Cycle | 4 Stroke |
| Aspiration | Turbocharged And Low Temperature |
| Bore X Stroke | 159 x 190 mm |
| Displacement Total | 60.2 liters |
| Compression Ratio | 14.5 : 1 |
| Combustion System | Direct injection |
| Direction Of Rotation | Anti Clockwise Viewed From Flywheel |
| Cooling System | Water Cooled |
| Air Intake System | Mounted Air Filters |

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) | 2000 | 1600 |
| Standby (S) | 2200 | 1760 |

LUBRICATING SYSTEM



| | |
|--------------------------------------|------------|
| Maximum Oil Temperature | 121 °C |
| Total System Capacity (with Filters) | 280 Litres |

SAFETY DEVICE



Low Oil Pressure
High Water Temperature and Overspeed

COOLING SYSTEM



| | |
|--|------------|
| Maximum Top Tank Temp | 100 °C |
| Standard Thermostat (Modulating) Range | 82-93 °C |
| Total Coolant Capacity | 157 liters |

FUEL SYSTEM

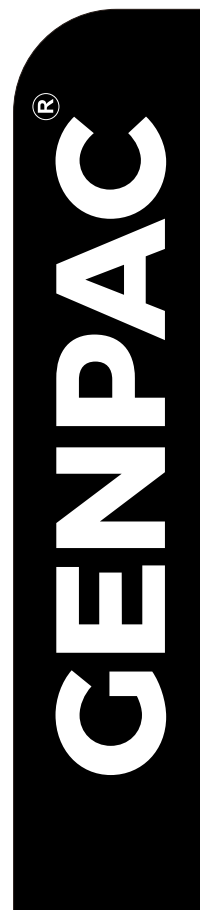
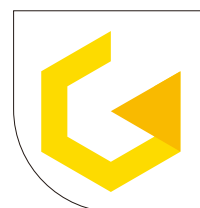


| | |
|------------------|--|
| Fuel Filter | Spin on fuel filters with water separator |
| Fuel Consumption | 394 L/H @ 100% Prime Power 437 L/H @ 100% Standby Power |


ELECTRICAL EQUIPMENT



Cranking Motor (Heavy Duty, Positive Engagement) 24V
Battery Charging System, Negative Ground 55A



Weight & Dimensions

| DIMENSION | | OPEN | SILENT |  |
|-----------|----|------|--------|---|
| Length | mm | 4979 | 12192 | |
| Width | mm | 2494 | 2438 | |
| Height | mm | 3210 | 2896 | |
| Weight | Kg | 9685 | 13885 | |

