



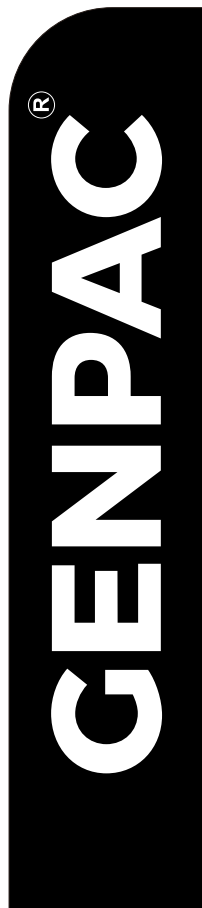
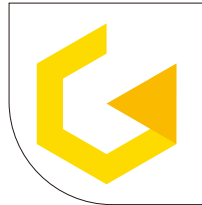
Engine Specifications

DIESEL ENGINE DATA

| | |
|------------------------------|-------------------------------------|
| Engine Model | CUMMINS 6BTAA5.9-G12 |
| No Of Cylinder / Arrangement | 6 , in Line |
| Cycle | 4 Stroke |
| Aspiration | Turbocharged And After Cooled |
| Bore X Stroke | 102 X 120 mm |
| Displacement Total | 5.9 liters |
| Compression Ratio | 17.3 : 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 | 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) | 150 | 120 |
| Standby (S) | 165 | 132 |

LUBRICATING SYSTEM



| | |
|----------------------------|-------------|
| Maximum Oil Temperature | 121 °C |
| Total Lubrication Capacity | 16.4 Liters |

SAFETY DEVICE



Low Oil Pressure
High Water Temperature and Overspeed

COOLING SYSTEM



| | |
|---|-----------|
| Total Coolant Capacity (Engine only) | 10 liters |
| Maximum Top Tank Temp | 100 °C |
| Standard Thermostat (Modulating) Range | 82-95 °C |

FUEL SYSTEM



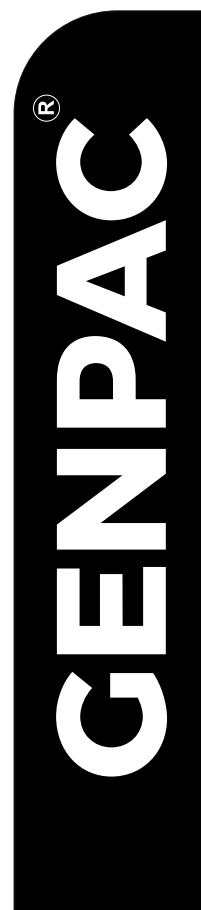
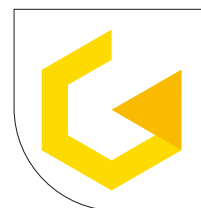
BYC PB / GAC 24V

| | |
|------------------|--------------------------------|
| Fuel Consumption | 34 L/H @ 100% Prime Power |
| | 38 L/H @ 100% Standby Power |


ELECTRICAL EQUIPMENT



Cranking Motor (Heavy Duty, Positive Engagement) 24V
Battery Charging System, Negative Ground 40A



Weight & Dimensions

| DIMENSION | | OPEN | SILENT |  |
|-----------|----|------|--------|---|
| Length | mm | 2400 | 3250 | |
| Width | mm | 985 | 1200 | |
| Height | mm | 1590 | 1600 | |
| Weight | Kg | 1500 | 2290 | |

