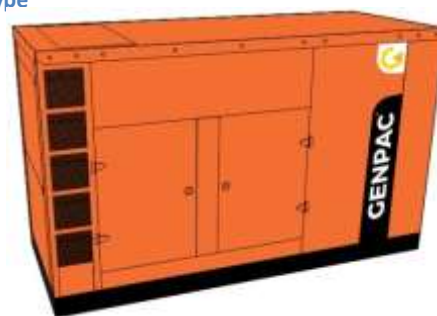


## Genset Specification

# GC180



Silent Type



Open Type



\*Illustration

| Model                      | Engine             | Alternator |
|----------------------------|--------------------|------------|
| GC180                      | CUMMINS 6CTA8.3-G2 | Stamford   |
| Rating<br>50 HZ (1500 RPM) | KVA                | KW         |
| Continuous (C)             |                    |            |
| Prime (P)                  | 182                | 146        |
| Standby (S)                | 200                | 160        |

| Model  | Dimension (mm)     | Weight (Kg) |
|--------|--------------------|-------------|
|        | (L x W x H)        |             |
| Open   | 2600 x 1000 x 1535 | 1600        |
| Silent | 3000 x 1200 x 1600 | 2508        |

## DIESEL ENGINE DATA

- Engine Model: CUMMINS 6CTA8.3-G2
- No Of Cylinder / Arrangement: 6 , in Line
- Cycle: 4 Stroke
- Aspiration: Turbocharged and Charge Air Cooled
- Bore X Stroke: 114 X 135 mm
- Displacement Total: 8.3 Litres
- 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 Filter

## LUBRICATING SYSTEM

- Total Lubrication Capacity: 23.8 Litres
- Lube Oil Filter Type: Spin-on full flow filter

## COOLING SYSTEM

- Cooling System Design: Jacket Water After Cooled
- Coolant Ratio: 50% ethylene glycol; 50% water
- Total Coolant Capacity: 26 litres

## FUEL SYSTEM

- Fuel Consumption: 40 L/H @ 100% Prime Power  
45 L/H @ Standby Power

## ELECTRICAL EQUIPMENT

- Cranking Motor (Heavy Duty, Positive Engagement) 24V
- Battery Charging System, Negative Ground 60A

## SAFETY DEVICE

- Low Oil Pressure ; High Water Temperature; Overspeed

## GENERATOR DATA

- |               |              |                    |       |
|---------------|--------------|--------------------|-------|
| • Manufacture | STAMFORD     | • Bearing Number   | 1     |
| • Phase Power | 3            | • Index Protection | IP23  |
| • Voltage     | 230/400 Volt | • Insulation Class | H     |
| • PF.         | 0.8          | • Exciter Type     | SHUNT |
| • Coupling    | Direct       | • Pole Number      | 4     |

*Dealer :*