



### TECHNICAL OVERVIEW

|               |                    |
|---------------|--------------------|
| MODEL         | GCM100S            |
| PRIME POWER   | 100 kVA / 80 kW    |
| STANDBY POWER | 110 kVA / 88 kW    |
| FUEL TYPE     | DIESEL             |
| SPEED         | 1500 RPM           |
| TYPE          | HEAVY DUTY         |
| FREQUENCY     | 50Hz               |
| PHASE/VOLTAGE | THREE PHASE / 415V |
| FUEL CAPACITY | 600 LTR            |

### ENGINE

|                    |                                                                 |
|--------------------|-----------------------------------------------------------------|
| MANUFACTURER       | CUMMINS                                                         |
| ENGINE MODEL       | 6BT5.9G2                                                        |
| CYLINDER/ CAPACITY | 6 CYL / 5.9 LTR                                                 |
| INDUCTION          | TURBOCHARGED                                                    |
| FUEL CONSUMPTION   | 22 L/HR @ 100% LOAD<br>17 L/HR @ 75% LOAD<br>11 L/HR @ 50% LOAD |
| GOVERNOR           | ELECTRONIC                                                      |
| OIL CAPACITY       | 16 LTR                                                          |
| COOLANT CAPACITY   | 19.7 LTR                                                        |

### FEATURES

|                                                                   |
|-------------------------------------------------------------------|
| SILENCED CANOPY – 73 dB(A) @ 7M                                   |
| HEAVY DUTY SKID BASE WITH FORK POCKETS<br>“HOT DIPPED GALVANISED” |
| BUNDED FUEL TANK – 35 HOUR RUN TIME @ 75% LOAD                    |
| CANOPY – GALVANISED POWDER COAT                                   |
| BATTERY CHARGER AND ISOLATOR                                      |

### CONTROLS

|                 |                  |
|-----------------|------------------|
| BRAND AND MODEL | DEESEA 7320 MKII |
| CIRCUIT BREAKER | FOUR POLE        |

### ALTERNATOR

|                     |                      |
|---------------------|----------------------|
| BRAND AND MODEL     | MECC ALTE ECP34-2S4A |
| TYPE                | BRUSHLESS / AVR      |
| HARMONIC DISTORTION | LESS THAN 5%         |
| INSULATION CLASS    | CLASS H              |

### OPTIONS

|                              |
|------------------------------|
| OUTLETS                      |
| MINE SPEC                    |
| JACKET WATER HEATER          |
| EXTERNAL FUEL CONNECTION     |
| AUTO TRANSFER SWITCHES (ATS) |

### DIMENSIONS

|                         |                            |
|-------------------------|----------------------------|
| LENGTH / WIDTH / HEIGHT | 286 CM / 111 CM / 196.5 CM |
| WEIGHT (DRY)            | 2035 KG                    |

**PRIME POWER (PRP):** Continuous operation at variable load unlimited hours per year, with an average load factor of 75%. 10% overload capability is 1 hour in a 12 hour period of operation.

**STANDBY POWER RATING (ESP):** Emergency power supply with an average load factor of 85%. No overload capability. Limited to 400 hours per year.

