

**Ratings**

|                          |          |
|--------------------------|----------|
| Frequency                | 50 Hz    |
| Alternator               | 400/230V |
| Prime rating power (kW)  | 40.0 kW  |
| Prime rating power (kVA) | 50.0     |
| Stand by power (kW)      | 42.0 kW  |
| Stand by power (kVA)     | 52.5     |

**Engine**

|                                  |                                     |
|----------------------------------|-------------------------------------|
| Manufacturer                     | HDI                                 |
| Model                            | D24                                 |
| Configuration                    | 4 Cycle; In-line; 4 Cylinder Diesel |
| Aspiration                       | Turbocharged and A/A Aftercooled    |
| Prime Net engine power output    | 47.1 kWm                            |
| Stand by Net engine power output | 50.1 kWm                            |
| Rated speed                      | 1500.0                              |
| Compression ratio                | 19.0:1                              |
| Lube oil capacity                | 12.00 L                             |
| Governor type                    | ECU                                 |
| Starting voltage                 | 12 Volts DC                         |
| Speed regulation                 | +/- 0.25%                           |
| Emission Level Compliance        | EU Stage V                          |

**Alternator**

|                                  |                         |
|----------------------------------|-------------------------|
| Alternator Manufacturer          | Stamford                |
| Alternator Model                 | S1L2R1                  |
| Rating continuous ( 50 Hz - kVA) | 50.0                    |
| Voltage regulation               | +/- 1%                  |
| Excitation system STD/OPT        | Aux Winding-AS540       |
| Impregnation                     | Heavy Duty Impregnation |
| IP rating                        | IP23                    |

**Fuel Tank**

|  |          |
|--|----------|
| Standard tank capacity                     | 176.00 L |
| Standard tank autonomy @ 75 % load - Prime | 19       |
| Extended tank capacity                     | 386.00 L |
| Extended tank autonomy @ 75 % load - Prime | 42       |

**Electrical**

|                              |           |
|------------------------------|-----------|
| Battery type                 | 1x12V     |
| Battery Capacity             | 72.0      |
| Battery Cold Cranking        | 680 A     |
| Main circuit breaker - Brand | Schneider |
| Main circuit breaker - Type  | Manual 4P |
| Main circuit breaker - Amps  | 100.0     |

**Cooling**

|                                  |         |
|----------------------------------|---------|
| Fan load                         | 9.0     |
| Coolant capacity (with radiator) | 24.00 L |
| Limited Ambient Temperature      | 42.0    |

**Weights**

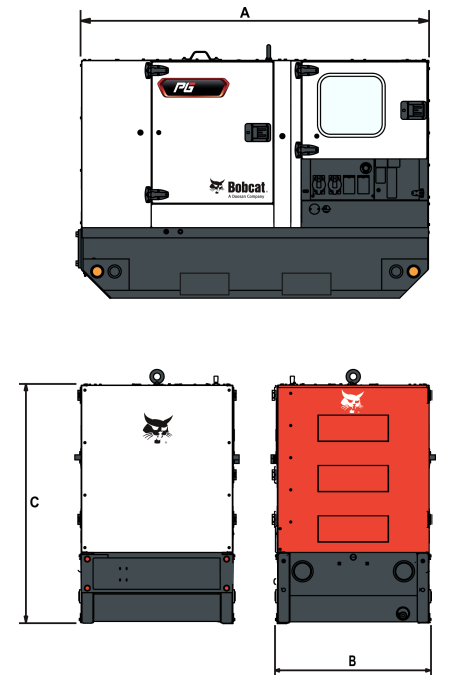
|                                      |         |
|--------------------------------------|---------|
| Unit dry weight - Standard fuel tank | 1590 kg |
| Unit dry weight - Extended fuel tank | 1625 kg |
| Unit wet weight - Standard fuel tank | 1730 kg |
| Unit wet weight - Extended fuel tank | 1890 kg |

**Noise**

|                                      |          |
|--------------------------------------|----------|
| Measured LWA                         | 90.0     |
| Average Noise level @ 1m @ 75 % load | 75 dB(A) |
| Average Noise level @ 7m @ 75 % load | 65 dB(A) |

**Variants**

|             |   |
|-------------|---|
| Frame (F)   | Not Available   |
| Whisper (W) | Enclosed - Default Model  |
| Rental (R)  | Additional features include 1ph/3ph sockets, 4 Top lifting points, battery switch and busbar connection |
| Telecom (T) | Not Available   |

**Dimensions**


Values marked with \* are measured with open frame.

|      |           |      |           |
|------|-----------|------|-----------|
| (A)  | 2560.0 mm | (B*) | 965.0 mm  |
| (A*) | 2205.0 mm | (C)  | 1576.0 mm |
| (B)  | 970.0 mm  | (C*) | 1740.0 mm |

**Fuel Consumption**

|            |           |
|------------|-----------|
| Prime 0%   | 1.60 L/h  |
| Prime 50%  | 6.60 L/h  |
| Prime 75%  | 9.10 L/h  |
| Prime 100% | 11.50 L/h |

**Control Panel**

|           |       |
|-----------|-------|
| Brand     | COMAP |
| Reference | MRS16 |