

Ratings

| | |
|--------------------------|---------|
| Frequency | 50 Hz |
| Prime rating power (kW) | 32.0 kW |
| Prime rating power (kVA) | 40.0 |
| Stand by power (kW) | 35.2 kW |
| Stand by power (kVA) | 44.0 |

Engine

| | |
|----------------------------------|-------------------------------------|
| Manufacturer | HDI |
| Model | D24 |
| Configuration | 4 Cycle; In-line; 4 Cylinder Diesel |
| Aspiration | Turbocharged |
| Prime Net engine power output | 37.8 kWm |
| Stand by Net engine power output | 41 kWm |
| Bore | 98.0 mm |
| Stroke | 110.0 mm |
| Rated speed | 1500.0 RPM |
| Compression ratio | 18:01 |
| Lube oil capacity | 11.50 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 | S1L2N1 |
| Rating continuous (50 Hz - kVA) | 40.0 |
| 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 | 20 hours |
| Extended tank capacity | 386.00 L |
| Extended tank autonomy @ 75 % load - Prime | 43 hours |

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

| | |
|----------------------------------|---------|
| Coolant capacity (with radiator) | 11.50 L |
| Limited Ambient Temperature | 42.0 |

Weights

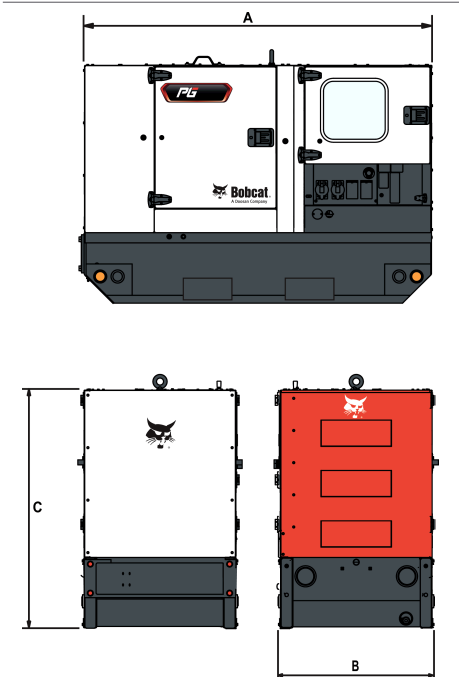
| | |
|--------------------------------------|---------|
| Unit dry weight - Standard fuel tank | 1265 kg |
| Unit dry weight - Extended fuel tank | 1300 kg |
| Unit wet weight - Standard fuel tank | 1410 kg |
| Unit wet weight - Extended fuel tank | 1570 kg |

Noise

| | |
|--------------------------------------|----------|
| Measured LWA | 90.0 |
| Average Noise level @ 1m @ 75 % load | 71 dB(A) |
| Average Noise level @ 7m @ 75 % load | 61 dB(A) |

Variants

| | |
|-------|-------|
| col 1 | col 2 |
|-------|-------|

Dimensions


Values marked with * are measured with open frame.

| | | | |
|------|-----------|------|-----------|
| (A) | 2560.0 mm | (B*) | 1070.0 mm |
| (A*) | 2205.0 mm | (C) | 1570.0 mm |
| (B) | 970.0 mm | (C*) | 1740.0 mm |

Fuel Consumption

| | |
|------------|-----------|
| Prime 0% | 1.60 L/h |
| Prime 50% | 6.50 L/h |
| Prime 75% | 9.00 L/h |
| Prime 100% | 11.00 L/h |

Control Panel

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