



G 50

Mobile Generators (14 - 238 kVA)



Durable mobile generator offers reliable power

The G 50 mobile generator offers the perfect power solution where single and three phase power are needed for construction commercial, industrial and special event applications. The sound-attenuated generator provide quiet operation and large fuel tank offers long run times, making it a flexible and reliable choice. A digital controller monitors and protects the generator and engine while providing continuous operating data on an easy to read LCD display.

- Ideally suited for construction sites where durability, reliability and flexibility are required to supply continuous power for applications such as lighting, cranes, concrete mixers and conveyor belts.
- Brushless, oversized alternators with separate excitation winding and AVR (Automatic Voltage Regulation) provide superior motor starting and enhanced ability to run non-linear loads.
- Single switch start and simple, uncluttered control panel provide unmatched ease of use.
- Automatic remote start capability standard which is ideal for temporary standby applications.
- Factory-installed customized options are available. These include, but are not limited to, a fluid containment system, cold weather options, a camlock panel, etc. Also available are optional trailers that are fully equipped and highway ready.

**Technical specifications****G 50**

| | G 50 (T4i) | G 50 (T4F) |
|--|------------------------------|------------------------------|
| Dimensions | | |
| L x W x H Operating (Skid) in | 96.25 x 38 x 53 | 96.25 x 38 x 53 |
| L x W x H Shipping (Skid) in | 100 x 40.5 x 65.1 | 100 x 40.5 x 65.1 |
| L x W x H Shipping/Operating (Trailer) in | 160 x 67.5 x 80 | 160 x 67.5 x 80 |
| Weights | | |
| Weight Dry (Skid) lb | 3,178 | 2,783 |
| Weight Operating (Skid) lb | 3,783 | 3,388 |
| Weight Shipping (Skid) lb | 3,334 | 2,939 |
| Weight Operating (Trailer) lb | 4,663 | 4,268 |
| Weight Shipping (Trailer) lb | 4,058.2 | 3,663 |
| Operating data | | |
| Trailer coupling Type | Pintle | Pintle |
| Standby output kW | 42 | 42 |
| Prime output kW | 38 | 38 |
| Voltage 3 Phase V | 240 / 480 | 240 / 480 |
| Current 3 Phase (Prime) A | 114 / 57 | 114 / 57 |
| Current 1 Phase (Prime) A | 120 / 240 | 120 / 240 |
| Voltage 3 Phase V | 208, 220, 240, 416, 440, 480 | 208, 220, 240, 416, 440, 480 |
| Voltage 1 Phase V | 120, 127, 139, 240, 254, 277 | 120, 127, 139, 240, 254, 277 |
| Circuit breaker (Main) A | 175 | 175 |
| Frequency Hz | 60 | 60 |
| Power factor 1 Phase cos Φ 1~ | 1 | 1 |
| Power factor 3 Phase cos Φ 3~ | 0.8 | 0.8 |
| Sound level (LwA) at Prime (23 ft / 7 m) dB(A) | 67.2 | 67.7 |
| Receptacles -20 Amp GFI Duplex | 2 | 2 |
| Receptacles -50 Amp Twist Lock | 3 | 3 |
| Receptacles -30 Amp Twist Lock | 0 | 0 |
| Engine / Motor | | |
| Engine / Motor | Liquid-Cooled, 4 Cylinder | Liquid-Cooled, 4 Cylinder |
| Engine / Motor manufacturer | John Deere | Isuzu |
| Emissions Certified | Tier 4i | Tier IV |



| | G 50 (T4i) | G 50 (T4F) |
|--|----------------------------|----------------------------|
| Displacement in ³ | 275 | 133 |
| Operating performance SAE J1349 hp | 0 | 66 |
| Operating performance SAE J1995, ISO 8528-1 hp | 74 | 0 |
| at rpm rpm | 1,800 | 1,800 |
| Coolant Capacity US qt | 20 | 16 |
| Engine oil Capacity US qt | 15.9 | 11 |
| Fuel type | Diesel | Diesel |
| Fuel consumption (Prime Load) US gal/h | 3.4 | 3 |
| Tank capacity -Fuel US gal | 84 | 84 |
| Quantity (Battery) | 1 | 1 |
| Battery V | 12 | 12 |
| Generator model | Mecc Alte, Brushless w/AVR | Mecc Alte, Brushless w/AVR |
| Voltage control No Load to Full Load +/- % | 1 | 1 |
| Voltage control Steady State +/- % | 0.2 | 0.2 |
| Generator insulation (class) | H | H |
| Frequency (Generator Speed) Hz | 60 | 60 |
| Runtime at 100% Prime Load h | 21.6 | 24.3 |
| Runtime at 75% Prime Load h | 27.2 | 0 |
| Runtime at 50% Prime Load h | 38.4 | 0 |
| Runtime at 25% Prime Load h | 64.5 | 0 |

Please note

that product availability can vary from country to country. It is possible that information / products may not be available in your country. More detailed information on engine power can be found in the operator's manual; the stated power may vary due to specific operating conditions.

Subject to alterations and errors excepted. Applicable also to illustrations.

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