



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.

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Technical specifications

G 50

Dimensions

L x W x H Operating (Skid)	96.25 x 38 x 53 in
L x W x H Shipping (Skid)	100 x 40.5 x 65.1 in
L x W x H Shipping/Operating (Trailer)	160 x 67.5 x 80 in

Weight

Weight Dry (Skid)	3,178 lb
Weight Operating (Skid)	3,783 lb
Weight Shipping (Skid)	3,334 lb
Weight Operating (Trailer)	4,663 lb
Weight Shipping (Trailer)	4,058.2 lb

Operating data

Trailer coupling Type	Pintle
Standby output	42 kW
Prime output	38 kW
Voltage 3 Phase	240/480 V
Current 3 Phase (Prime)	114/57 A
Current 1 Phase (Prime)	120/240 A
Voltage 3 Phase	208, 220, 240, 416, 440, 480 V
Voltage 1 Phase	120, 127, 139, 240, 254, 277 V
Circuit breaker (Main)	175 A
Frequency	60 Hz
Power factor 1 Phase	1 cos Φ 1~
Power factor 3 Phase	0.8 cos Φ 3~
Sound level (LwA) at Prime (23 ft / 7 m)	67.2 dB(A)
Receptacles -20 Amp GFI Duplex	2
Receptacles -50 Amp Twist Lock	3

**Engine / Motor**

Engine / Motor	Liquid-Cooled, 4 Cylinders
Engine / Motor manufacturer	John Deere
Emissions Certified	
Displacement	275 in ³
Operating performance SAE J1995, ISO 8528-1	74 hp
at rpm	1,800 rpm
Coolant Capacity	20 US qt
Engine oil Capacity	15.9 US qt
Fuel type	Diesel
Fuel consumption (Prime Load)	3.4 US gal/h
Tank capacity -Fuel	84 US gal
Quantity (Battery)	1
Battery	12 V
Generator model	Mecc Alte, Brushless w/AVR
Voltage control No Load to Full Load +/-	1 %
Voltage control Steady State +/-	0.2 %
Generator insulation (class)	H
Frequency (Generator Speed)	60 Hz
Runtime at 100% Prime Load	21.6 h
Runtime at 75% Prime Load	27.2 h
Runtime at 50% Prime Load	38.4 h
Runtime at 25% Prime Load	64.5 h

Information on suitable accessories can be found on our website.

The right to make changes is reserved in the interests of ongoing further developments. You can find more information on the engine power in the operator's manual. The actual power output figures may vary due to specific operating conditions.

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