G50
Mobile Generators

Durable mobile generator offers reliable power

The G50 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.
- Fluid containment system, standard. Factory-installed customized options are available. These include, but are not limited to, cold weather options, fully equipped highway-ready trailers, and a camlock panel.

G50 Technical specifications

	G50 (T4F)	G50 (T4F) 600V
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	2,783	2,783
Weight Operating (Skid) lb	3,388	3,388
Weight Shipping (Skid) lb	2,939	3,544
Weight Operating (Trailer) lb	4,268	4,268
Weight Shipping (Trailer) lb	3,663	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 / 600
Current 3 Phase (Prime) A	114 / 57	115 / 58 / 46
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, 600
Voltage 1 Phase V	120, 127, 139, 240, 254, 277	120, 127, 139, 240, 254, 277, 346
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)	67.7	67.7
Receptacles -20 Amp GFI Duplex	2	2
Receptacles -50 Amp Twist Lock	3	3
Engine / Motor		
Engine / Motor	Liquid-Cooled, 4 Cylinder	Liquid-Cooled, 4 Cylinder
Engine / Motor manufacturer	Isuzu	Isuzu
Emissions Certified	Tier IV	Tier IV
Displacement in^3	133	133
Operating performance SAE J1349 hp	66	66
Operating performance SAE J1995, ISO 8528-1 hp		59
at rpm rpm	1,800	1,800
Coolant Capacity US qt	16	16
Engine oil Capacity US qt	11	11
Fuel type	#1/#2 ULSD	Diesel

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Fuel consumption (Prime Load) US gal/h	3	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	24.3	24.3

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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