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G625

Mobile Generators



Serious power for industrial applications

The G625 mobile generator provides all the power needed for larger applications. The rugged 16L Volvo Tier 2 flex engine is housed in a heavy-duty sound attenuated enclosure, perfect for applications requiring large amounts of power and quiet operation. Capable of paralleling, the G625 can easily be scaled up to meet even higher power demands. The integration of many standard features provides ease of operation and maintenance. A digital controller monitors and protects the generator and engine while providing continuous operating data on an easy to read LCD display.

- Deep Sea 8610 controller and motorized circuit breaker allow paralleling operation (up to 32 units). Connections provided for synchronization communication between generators (input/output).
- Extensive premium features including battery disconnect switch, circulation coolant heater, engine oil drain with manual pump, low coolant shutdown, dual stage Racor fuel filter for water separation, battery charger and camlock electrical connections are all standard.
- Simple voltage selection made with the use of a two position link board to reduce connection errors. GFCI outlets and 50 Amp convenience outlet
- Single point lift eye as well as integrated fork pockets for easy handling.



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- 3-way fuel supply valve allows for easy switch to external built fuel tanks. Standard environmentally friendly features include 100% fluid containment with liquid level alarm, fuel level gauge at fill point.



Technical specifications

G625

Dimensions

L x W x H Operating (Skid)	190.2 x 61.0 x 91.9 in
L x W x H Shipping/Operating (Trailer)	263.1 x 92.5 x 124.4 in

Weights

Weight Dry (Skid)	13,206 lb
Weight Operating (Skid)	14,991 lb
Weight Operating (Trailer)	16,618 lb
Weight Shipping (Trailer)	14,991 lb

Operating data

Standby output	550 kW
Standby output	688 kVA
Prime output	500 kW
Voltage 3 Phase	480 / 460 / 240 / 208 V
Current 3 Phase (Prime)	752 / 785 / 1504 / 1596 A
Circuit breaker (Main)	1600 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 75% Prime (23 ft / 7 m)	70 dB(A)
Receptacles 20 Amp GFI Duplex	2
Receptacles 50 Amp Twist Lock	1

Engine / Motor

Engine / Motor	Diesel - 6 Cylinder
Engine / Motor manufacturer	Volvo - TAD1642GE
Emissions Certified (Flex)	Tier 2 (flex)
Displacement	983.7 in ³
Operating performance ISO 3046	810 hp
at rpm	1,800 rpm
Coolant Capacity	98 US qt
Engine oil Capacity	50.7 US qt
Fuel type	Diesel #2-D
Fuel consumption (Prime Load)	35.7 US gal/h
Tank capacity Fuel	237.8 US gal



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Battery	24 V
Generator model	Mecc Alte, Brushless w/AVR
Voltage control No Load to Full Load	1 %
Voltage control Steady State	0.5 %
Generator insulation (class)	H
Frequency (Generator Speed)	60 Hz
Runtime at 100% Prime Load	6.7 h
Runtime at 75% Prime Load	9.2 h
Runtime at 50% Prime Load	13.7 h

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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