

# PowerSource G80

## Mobile Environmental Generator



All new compact mobile generator system from Ingersoll Rand

- Designed to be compact, yet quiet.
- Maximum performance even in extreme temperature conditions.

Moving made easy

- Rugged mobile system featuring torsion suspension for enhanced stability and easy towing.
- Tandem axle running gear is available with choice of electric or hydraulic surge brakes.
- Running gear is easily detached for stationary applications.



Product Specifications		G80
<b>Generator</b>		
Three Phase Prime Power Rating @ 0.8 PF	kVA (kW)	83 (66)
Available Voltages	3Ø	208/220/240/416/440/460/480
	1Ø	110/127/139/240/254/266/277
Amperage Output @ 480V-3Ø	A	100
Amperage Output @ 240V-3Ø	A	200
Amperage Output @ 208V-3Ø	A	194
Amperage Output @ 240V-1Ø	A	163
Amperage Output @ 120V-1Ø	A	2 x 163
Steady State Voltage Regulation	%	+/- 0.5
Motor Starting kVA @ 35% Voltage Dip	SkVA	215
<b>Engine</b>		
Make		Ingersoll Rand
Number of Cylinders		4
Displacement	L	4.5
Horsepower Developed @ 1800 RPM	HP	102
Steady State Frequency Regulation	%	+/- 0.25
Fuel Consumption @ 25% Load	GPH (LPH)	1.7 (6.4)
Fuel Consumption @ 50% Load	GPH (LPH)	3.0 (11.4)
Fuel Consumption @ 75% Load	GPH (LPH)	4.3 (16.3)
Fuel Consumption @ 100% Load	GPH (LPH)	5.7 (21.6)
Fuel Cell Capacity	Gal (L)	103 (389.9)
<b>Weights &amp; Dimensions (w/ Running Gear)</b>		
Length x Width x Height	in	154 x 68 x 77
	mm	3912 x 1727 x 1956
Shipping Weight	lb (kg)	4453 (1662)
Weight (Ready to Run)	lb (kg)	5174 (1931)
<b>Weights &amp; Dimensions (Skidmount)</b>		
Length x Width x Height	in	96 x 38 x 64
	mm	2438 x 965 x 1626
Shipping Weight	lb (kg)	3921 (1463)
Weight (Ready to Run)	lb (kg)	4642 (1733)
Sound Level @ 23ft (7m) @ 100% Load	dB(A)	67

Packed with features

- AREP alternator technology provides superior motor starting capability.
- Voltage selector switch allows for a wide range of voltage to suit any application.
- Class H insulation for prolonged life.
- Fluid containment system ensures fluids cannot leak from the unit and cause environmental contamination.
- High capacity double wall fuel system sized for 24-hour runtime.
- Premium engine systems maximize performance, reliability and fuel economy while meeting EPA emission regulations.
- Rugged enclosure is designed for the rigors of construction and rental environments and is engineered to achieve low noise levels.

Simple to operate

- Controls and connection points are grouped at the rear of the unit for easy access.
- The G80 features a spacious terminal board for easy direct hookup of power cables and a variety of receptacles, each protected by a circuit breaker, for safe and easy connection.
- Easy to read array of gauges and indicator lamps provides for at a glance control and monitoring with minimal operator training required.