

G10 – G80 PowerSource Mobile Generators



The Power of Evolution.

PowerSource mobile generators from Ingersoll-Rand are a perfect example of the power of evolution. Drawing on our heritage of dependable, long-lasting mobile generators, we've designed the PowerSource line with a number of new features that give you a performance advantage.

PowerSource generators are compact and maneuverable, giving you increased flexibility on tight jobsites. But just because they're smaller doesn't mean they're light on performance. These generators feature AREP excitation technology for best-in-class motor starting capability, making them ideal for even the toughest applications. What's more, they can run up to 24 hours without refueling, and the 110 percent environmental containment system provides protection against fluid spillage.

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Specifications

MODEL	G10	G25	G40	G60	G80
GENERATOR					
Prime Power Rating @ 480 V-3Ø, 0.8 PF – kVA (kW)	10 (10)*	26 (21)	38 (30)	58 (46)	83 (66)
Standby Power Rating @ 480 V-3Ø, 0.8 PF – kVA (kW)	11 (11)*	29 (23)	42 (33)	64 (51)	91 (73)
Frequency – Hz	60	60	60	60	60
Available Voltages – Three-phase	—	—	208 / 220 / 240 / 416 / 440 / 460 / 480 V Switchable	—	—
— Single-phase	120 / 240 V	—	120 / 127 / 139 / 240 / 254 / 266 / 277 V Switchable	—	—
Steady State Voltage Regulation	+ / - 0.5%	+ / - 0.5%	+ / - 0.5%	+ / - 0.5%	+ / - 0.5%
Motor Starting kVA @ 35% Voltage Dip – skVA	64	65	94	195	215
Control Panel Type	Analog	Analog	Analog	Analog	Analog
PRIME POWER OUTPUT					
@ 480 V Three-phase – amps	—	31	46	70	100
@ 240 V Three-phase – amps	—	63	91	140	200
@ 208 V Three-phase – amps	—	72	100	161	194
@ 240 V Single-phase – amps	40	65	89	150	163
@ 120 V Single-phase – amps	2 x 20	2 x 65	2 x 89	2 x 150	2 x 163
TIER 2 DIESEL ENGINE					
Make	Ingersoll-Rand	Ingersoll-Rand	Ingersoll-Rand	Ingersoll-Rand	Ingersoll-Rand
Number Of Cylinders	3	4	4	5	4
Displacement – L	1.3	2.5	3.3	3.1	4.5
Power Output @ 1,800 rpm – hp (kW)	16	32	45	72	102
Steady State Frequency Regulation	+ / - 2.5%	+ / - 2.5%	+ / - 2.5%	+ / - 0.25%	+ / - 0.25%
Fuel Consumption	—	—	—	—	—
@ 50% Load – gph (L/hr)	0.5 (1.9)	1 (3.8)	1.4 (5.3)	2.1 (7.9)	3 (11.4)
@ 75% Load – gph (L/hr)	0.7 (2.6)	1.4 (5.3)	2 (7.6)	3.1 (11.7)	4.3 (16.3)
@ 100% Load – gph (L/hr)	1 (3.8)	1.9 (7.2)	2.7 (10.2)	4.1 (15.5)	5.7 (21.6)
Fuel Cell Capacity – gal (L)	21 (79.5)	36 (136)	47 (178)	103 (390)	103 (390)
DIMENSIONS & WEIGHT (W/ RUNNING GEAR)					
Length x Width x Height – in (mm)	118 x 56 x 58 (3000 x 1422 x 1480)	130 x 59 x 65 (3302 x 1499 x 1651)	142 x 65 x 71 (3607 x 1651 x 1803)	154 x 68 x 77 (3912 x 1727 x 1956)	154 x 68 x 77 (3912 x 1727 x 1956)
Shipping Weight – lb (kg)	1,462 (546)	2,334 (871)	3,146 (1174)	3,937 (1469)	4,453 (1662)
Weight (ready to run) – lb (kg)	1,609 (601)	2,586 (965)	3,475 (1297)	4,658 (1739)	5,174 (1931)
DIMENSIONS & WEIGHT (SKID-MOUNT)					
Length x Width x Height – in (mm)	62 x 32 x 46 (1575 x 813 x 1168)	72 x 32 x 50 (1829 x 813 x 1270)	84 x 38 x 52 (2134 x 965 x 1321)	96 x 38 x 64 (2438 x 965 x 1626)	96 x 38 x 64 (2438 x 965 x 1626)
Shipping Weight – lb (kg)	1,162 (434)	1,952 (729)	2,682 (1001)	3,405 (1271)	3,921 (1463)
Weight (ready to run) – lb (kg)	1,309 (489)	2,204 (823)	3,011 (1124)	4,126 (1540)	4,642 (1733)
SOUND					
@ 23 ft (7 m), 100% Load – dBA	68	65	66	66	67

*G10 provides 10 kW single-phase output only.

KEY FEATURES

- An Ingersoll-Rand exclusive, the SaferSwitch protection system prevents switching of the voltage selector during operation, protecting the generator from costly damage and downtime
- Analog control system is easy to operate and provides system monitoring and fault diagnostics at a glance
- Control panel-mounted voltage selector switch allows simple adjustment of voltage range to suit many applications
- Heavy-duty druggable skid baseframe, easy adaptability to our highway-towable running gear system
- Heavy-duty enclosure is designed for low noise levels during operation and is protected with a high-gloss powder paint finish to ensure long life and corrosion resistance, even in harsh environments
- Spacious terminal board allows fast and easy connection of heavy-gauge cables with either bare-end or lugged configurations
- Torsion axles offer excellent mobility over rough terrain while providing excellent stability for safe on-road towing
- Wide-opening side doors provide easy access to all maintenance points

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FEATURES & ACCESSORIES					
Trailer System w/o Brakes	•	•	-	-	-
Trailer System w/ Electric Brakes	-	-	•	•	•
Trailer System w/ Hydraulic Surge Brakes	-	-	•	•	•
Forklift Slots (w/ skid-mount only)	•	•	•	•	•
Analog Control System w/ Key Start	•	•	•	•	•
Analog Control System w/ Auto Start	-	•	•	•	•
Intellisys Digital Control System	-	•	•	•	•
Isochronous Speed Control	-	•	•	•	•
Engine Coolant Heater	•	•	•	•	•
Battery Heater	•	•	•	•	•
Battery Charger (maintenance type)	•	•	•	•	•
Primary Fuel / Water Separator Filter	•	•	•	•	•
External Fuel Tank Connection Ports	•	•	•	•	•
Oil Drain Pump	•	•	•	•	•
Camlock Power Cable Connectors	-	•	•	•	•
Special Paint Color	•	•	•	•	•

• Standard • Optional - Not Available



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(877) IR BRAND

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