

G11 – G75 Mobile Environmental Generators



Power of Reliability

Ingersoll-Rand mobile environmental generators are your assurance of power when and where you need it. You'll appreciate the quiet performance, long life, and overall reliability of these rugged generators, which cover a wide range of needs in a variety of applications.

Our mobile environmental generators are engineered for reliable performance. They are designed to be compact and quiet, while powering a full load in extreme temperature conditions.

The fluid containment system offers double-wall protection, keeps fluids from creating environmental hazards, and provides 24-hour minimum run times. These generators also feature AREP technology for best-in-class motor starting capability.

G11 – G75 Mobile Environmental Generators

Specifications

MODEL	G11	G20	G25	G40	G50	G75
CPN	36077006	36077014	36077022	36077030	36077048	36077055
GENERATOR						
Prime Output — kW @ 480 V (kVA)	10 (10)*	14 (18)	21 (26)	30 (38)	39 (49)	59 (74)
Standby Output — kW @ 480 V (kVA)	11 (11)	16 (20)	23 (29)	33 (41)	43 (54)	65 (81)
Frequency (Hz)	60	60	60	60	60	60
Available Voltages, 1-Phase	120, 240 V			110, 127, 139, 240, 254, 277 V Switchable		
Available Voltages, 3-Phase	NA			208, 220, 240, 415, 440, 480 V Switchable		
Automatic Voltage Regulation (% steady state)	+ / - 0.5	+ / - 0.5	+ / - 0.5	+ / - 0.5	+ / - 0.5	+ / - 0.5
Motor Starting Capability (skVA @ 35% voltage dip)	21	64	65	94	150	215
Insulation	Class H	Class H	Class H	Class H	Class H	Class H
Alternator Make	Mecc Alte	Leroy Somer	Leroy Somer	Leroy Somer	Leroy Somer	Leroy Somer
Alternator Type	Shunt			Auxiliary Regulation Excitation Principle (AREP)		
Control Panel Type	Analog	Analog	Analog	Analog	Intellisys	Intellisys
Receptacles with Individual Circuit Breakers	Std	Std	Std	Std	Std	Std
Sound Level (dBA) @ 7 m, Full Load	65	64	66	67	67	66
ENGINE						
HP @ Rated Speed hp (kW)	16 (12)	22 (16)	32 (24)	45 (33)	59 (43)	87 (64)
Full Load Speed (rpm)	1,800	1,800	1,800	1,800	1,800	1,800
Speed Regulation (% no-load to full-load)	+ / - 2.5	+ / - 2.5	+ / - 2.5	+ / - 2.5	+ / - 2.5	+ / - 2.5
Fuel Tank Capacity gal (L)	25 (95)	61 (231)	61 (231)	61 (231)	103 (390)	103 (390)
Fuel Consumption 100% Load gph (L/h)	0.98 (3.71)	1.29 (4.88)	1.95 (7.38)	2.59 (9.80)	3.25 (12.30)	4.57 (17.30)
Fuel Consumption 75% Load gph (L/h)	0.76 (2.88)	1.00 (3.79)	1.48 (5.60)	2.16 (8.18)	2.59 (9.80)	3.56 (13.48)
Fuel Consumption 50% Load gph (L/h)	0.50 (1.90)	0.79 (2.99)	1.08 (4.09)	1.58 (5.98)	1.85 (7.00)	2.51 (9.50)
Fuel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
Make	Mitsubishi	Mitsubishi	Mitsubishi	Mitsubishi	John Deere	John Deere
Model	S3L2-Y162SD	S4L2-Y262SD	S4Q2-Y262SD	S4S-Y262SD	4045DF270	4045TF270
AMPS						
480 V 3-phase (amps)	NA	22	31	45	59	89
240 V 3-phase (amps)	NA	44	63	91	118	178
208 V 3-phase (amps)	NA	48	71	95	135	194
240 V 1-phase (amps)	41	55	65	89	129	163
120 V 1-phase (amps)	20	2 x 55	2 x 65	2 x 89	2 x 129	2 x 163
DIMENSIONS & WEIGHT (SKID-MOUNTED)						
Length x Width x Height in (mm)	71 x 30 x 51 (1803 x 762 x 1295)	85 x 38 x 57 (2159 x 965 x 1448)	85 x 38 x 57 (2159 x 965 x 1448)	85 x 38 x 57 (2159 x 965 x 1448)	92 x 41 x 70 (2337 x 1041 x 1778)	92 x 41 x 70 (2337 x 1041 x 1778)
Weight Wet / Dry lb (kg)	1,610 (730) 1,424 (646)	2,582 (1171) 2,075 (941)	2,626 (1191) 2,119 (961)	2,869 (1301) 2,362 (1071)	4,359 (1977) 3,499 (1587)	4,558 (2068) 3,698 (1677)
DIMENSIONS & WEIGHT (TRAILER-MOUNTED)						
Length x Width x Height in (mm)	128 x 56 x 64 (3251 x 1422 x 1626)	142 x 65 x 73 (3607 x 1651 x 1854)	142 x 65 x 73 (3607 x 1651 x 1854)	142 x 65 x 73 (3607 x 1651 x 1854)	150 x 72 x 84 (3810 x 1829 x 2134)	150 x 72 x 84 (3810 x 1829 x 2134)
Weight Wet / Dry lb (kg)	1,965 (891) 1,779 (807)	3,164 (1435) 2,657 (1205)	3,208 (1455) 2,701 (1225)	3,451 (1565) 2,944 (1335)	4,919 (2231) 4,059 (1841)	5,118 (2321) 4,258 (1931)
OPTIONS / ACCESSORIES						
Trailer System	•	•	•	•	•	•
Electric Brakes	•	•	•	•	•	•
Hydraulic Brakes	•	•	•	•	•	•
3-Way Fuel Valve	•	•	•	•	•	•
Electronic Governor					•	•
Automatic Start / Stop Package					•	•
Cold Start System					•	•
Oil Drain Pump		•	•	•	•	•
2" Diameter Ball Hitch	•	•	•	•	•	•
2-5/16" Diameter Ball Hitch	•	•	•	•	•	•

* Prime output for G11 is 10 kVA at 240 V, 1-phase.
Product improvement is a continuing goal at Ingersoll-Rand.
Designs and specifications are subject to change without notice or obligation.

KEY FEATURES

- Fluid containment system ensures all fluids are isolated from the surrounding environment.
- AREP alternator delivers maximum capability in a compact package, so you can start bigger motors at less cost.
- Intellisys™ control system is easy to use, yet allows for a high degree of customization for more specialized applications.
- The mobile trailer system with independent drawbar, fenders, and axles are optimized for versatility and ruggedness.
- Units are optimized for size and sound and deliver a full load in extreme temperature conditions.



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