

G260 – G600 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.

G260 – G600 Mobile Environmental Generators

Specifications

MODEL	G260	G330	G460	G600
CPN	36077097	36077105	36077113	36077121
GENERATOR				
Prime Output — kW @ 480 V (kVA)	210 (262)	262 (327)	368 (460)	467 (584)
Standby Output — kW @ 480 V (kVA)	230 (288)	288 (360)	405 (506)	514 (642)
Frequency (Hz)	60	60	60	60
Available Voltages, 1-Phase	NA			
Available Voltages, 3-Phase	208, 220, 240, 416, 440, 480 V Reconnectable			
Automatic Voltage Regulation (% steady state)	+ / - 0.5	+ / - 0.5	+ / - 0.5	+ / - 0.5
Motor Starting Capability (skVA @ 35% voltage dip)	650	1180	1230	1800
Insulation	Class H	Class H	Class H	Class H
Alternator Make	Leroy Somer	Leroy Somer	Leroy Somer	Leroy Somer
Alternator Type	Auxiliary Regulation Excitation Principle (AREP)			
Control Panel Type	Intellisys	Intellisys	Intellisys	Intellisys
Sound Level (dBA) @ 7 m, Full Load	70	71	74	72
ENGINE				
HP @ Rated Speed hp (kW)	303 (223)	374 (275)	524 (385)	661 (486)
Full-Load Speed (rpm)	1,800	1,800	1,800	1,800
Speed Regulation (% no-load to full-load)	+ / - 0.5	+ / - 0.5	+ / - 0.5	+ / - 0.5
Fuel Tank Capacity gal (L)	251 (950)	251 (950)	361 (1367)	467 (1768)
Fuel Consumption 100% Load gph (L/h)	14.02 (53.07)	16.79 (63.56)	24.47 (92.63)	32.23 (122.00)
Fuel Consumption 75% Load gph (L/h)	10.61 (40.16)	12.51 (47.36)	17.90 (67.76)	23.18 (87.75)
Fuel Consumption 50% Load gph (L/h)	7.42 (28.09)	8.66 (32.78)	12.01 (45.46)	15.76 (59.66)
Fuel	Diesel	Diesel	Diesel	Diesel
Make	John Deere	John Deere	Volvo	Volvo
Model	6081HF070-260	6081HF070-318	TAD1242GE	TAD1631GE
AMPS				
480 V 3-phase (amps)	315	394	553	702
240 V 3-phase (amps)	631	788	1,106	1,404
208 V 3-phase (amps)	725	764	1,193	1,527
240 V 1-phase (amps)	NA	NA	NA	NA
120 V 1-phase (amps)	NA	NA	NA	NA
DIMENSIONS & WEIGHT (SKID-MOUNTED)				
Length x Width x Height in (mm)	159 x 54 x 95 (4039 x 1372 x 2413)	159 x 54 x 95 (4039 x 1372 x 2413)	178 x 55 x 109 (4521 x 1397 x 2769)	200 x 61 x 106 (5080 x 1549 x 2692)
Weight Wet / Dry lb (kg)	10,247 (4648) 8,108 (3678)	10,644 (4828) 8,527 (3868)	13,750 (6237) 10,734 (4869)	15,435 (7001) 11,417 (5179)
DIMENSIONS & WEIGHT (TRAILER-MOUNTED)				
Length x Width x Height in (mm)	216 x 77 x 114 (5486 x 1956 x 2896)	216 x 77 x 114 (5486 x 1956 x 2896)	233 x 79 x 129 (5918 x 2007 x 3277)	255 x 85 x 126 (6477 x 2159 x 3200)
Weight Wet / Dry lb (kg)	11,541 (5235) 9,402 (4265)	11,938 (5415) 9,821 (4455)	16,116 (7310) 13,100 (5942)	17,801 (8074) 13,783 (6252)
OPTIONS / ACCESSORIES				
Trailer System	•	•	•	•
Electric Brakes	•	•	•	•
3-Way Fuel Valve	•	•	•	•
Electronic Governor	Std	Std	Std	Std
Automatic Start / Stop Package	•	•	•	•
Cold Start System	•	•	•	•
Oil Drain Pump	Std	Std	Std	Std

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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