



# G10 – G570

PowerSource Mobile Generators



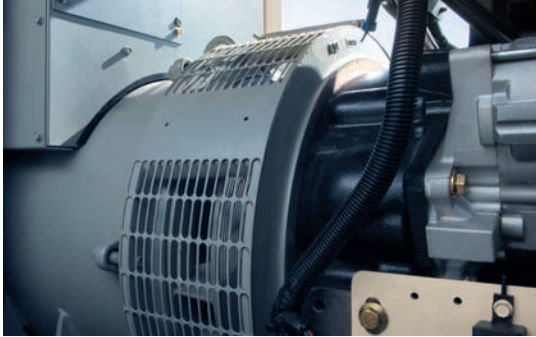
# The only choice for demanding customers

From the construction site, to the concert stage, to the front lines of disaster relief efforts, customers demand a mobile generator they can depend on. A generator of the highest reliability, backed by dedicated technical, application, and service support. For demanding customers there is only one choice: PowerSource from Ingersoll Rand.

PowerSource is a highly engineered line of mobile generators ranging in output from 10 to 570 kVA. PowerSource delivers performance you can trust to power critical applications, and offers innovative features that simplify operation, enhance serviceability, reduce downtime, and promote environmental friendliness. Continuing our 100-year legacy of rugged reliability, PowerSource has been built to last, year after year, on the toughest jobsites and in the harshest conditions.



# Features you can count on — from the experts in mobile power generation



## Superior motor-starting performance

All PowerSource units feature powerful alternators with AREP excitation. AREP provides the power to give PowerSource best-in-class motor-starting performance and makes these units ideal for powering pumps, compressors, and other applications with high startup demands.



## Easy voltage configuration

PowerSource units\* feature a control panel-mounted voltage selector switch (VSS) for easy setup of the required voltage. PowerSource provides increased safety and reliability with a safety shutdown system to prevent access to the VSS when the generator is operating. This innovative feature eliminates the potential downtime and costly replacement of the VSS due to misuse.



## Environmentally conscious features

PowerSource has been equipped with a host of environmentally conscious features. Each model features 110% environmental containment to prevent spillage of fuel, oil, or coolant. In addition, PowerSource is equipped with state-of-the-art, EPA-certified engines, ensuring the optimum mix of performance, fuel economy, and low emissions.



## Simple to operate



All units feature a common, simple-to-use operator interface. The advanced engine controller precisely controls unit startup and monitors a host of functions to protect the generator system against faults. Remote auto start / stop control is a standard feature,\*\* enabling connection to automatic transfer switches and other remote starting switches.



## The power to go — on-road or off-road

Our heavy-duty mobile system is integrated with the generator frame, providing a robust platform to withstand jobsite conditions and provide miles of trouble-free use. All single axle and tandem axle units feature torsion suspension to enhance towing stability. Standard DOT-approved road lights and heavy-duty fenders round out the toughest mobile system on the market.

\*G25 to G185 only. \*\*Not available on G10.

# Everything you trust about Ingersoll Rand

MODEL	G10	G25	G40	G60	G80	G90
Prime Power Rating @ 480 V-3Ø, 60Hz, 0.8 PF – kVA (kW)	10 (10)*	26 (21)	36 (29)	58 (46)	83 (66)	94 (75)
Standby Power Rating @ 480 V-3Ø, 60Hz, 0.8 PF – kVA (kW)	11.6 (11.6)*	28 (22)	39 (31)	64 (51)	91 (73)	103 (81)
Available Voltages – Three-phase	N/A				208 / 220 / 230 / 240 / 416 / 440 / 480	
Available Voltages – Single-phase	120 / 240				120 / 127 / 133 / 139 / 240 / 254 / 480	
Output @ 480 V-3Ø (series wye) – amps	N/A	31	43	70	99	113
Output @ 208 V-3Ø (parallel wye) – amps	N/A	72	100	161	200	236
Output @ 240 V-1Ø (parallel zig-zag) – amps	44	65	89	150	188	221
<b>ENGINE</b>						
Make	Ingersoll Rand	Ingersoll Rand	Ingersoll Rand	Ingersoll Rand	Ingersoll Rand	Ingersoll Rand
Power Output @ 1,800 rpm – hp (kW)	16 (12)	32 (24)	43 (32)	72 (54)	102 (76)	115 (85)
Fuel Tank Capacity – gal (L)	26.8 (101)	39.6 (150)	52.5 (199)	110.5 (418)	110.5 (418)	189.1 (713)
Runtime @ 100% Load – hr	27.9	20.7	20.4	27.7	19.6	31.3
<b>DIMENSIONS &amp; WEIGHT W/ RUNNING GEAR</b>						
Length x Width x Height – in	123.5" x 55.5" x 55.1"	131" x 59.5" x 67"	144.4" x 67" x 68"	155.8" x 68.7" x 82.4"	155.8" x 68.7" x 82.4"	165.8" x 68.7" x 82.4"
Length x Width x Height – mm	3137 x 1410 x 1400	3327 x 1511 x 1702	3668 x 1702 x 1727	3957 x 1745 x 2093	3957 x 1745 x 2093	4212 x 1745 x 2093
Shipping Weight – lb (kg)	1,529 (693)	2,420 (1098)	3,078 (1396)	3,895 (1766)	3,698 (1677)	5,004 (2270)
Weight (ready to run) – lb (kg)	1,708 (775)	2,588 (1174)	3,508 (1591)	4,658 (2112)	4,558 (2067)	6,466 (2934)
Sound Level @ 23 ft and 100% Load – dBA	66	66	66	67	69	68

\*@ 240V - 1Ø, 1 PF



## Advanced controls and easy access connection points

All controls and power connections are consolidated at the rear of the unit for enhanced safety and convenience. Power connections can be made safely and easily at either the hardwire panel or the receptacle panel, which features a convenient array of GFCI-protected outlets and twist-lock receptacles, all equipped with individual circuit breakers.



# and in powerful mobile generators

	G125	G145	G185	G240	G290	G450	G570
(1)	125 (100)	144 (115)	183 (146)	239 (191)	290 (232)	456 (365)	570 (456)
(2)	137 (110)	158 (126)	201 (161)	263 (210)	319 (255)	502 (402)	627 (502)
460 / 480 Switchable					208 / 220 / 230 / 240 / 416 / 440 / 460 / 480	Reconnectable	
266 / 277 Switchable					120 / 127 / 133 / 139 / 240 / 254 / 266 / 277	Reconnectable	
	150	173	220	288	349	548	686
	346	380	500	608	805	1260	1416
	346	346	458	N/A	N/A	N/A	N/A
oll Rand	Ingersoll Rand	Ingersoll Rand	Ingersoll Rand	Ingersoll Rand	Cummins	Cummins	Cummins
(5)	150 (112)	177 (132)	216 (161)	286 (214)	352 (262)	555 (414)	680 (507)
(716)	145 (549)	189.1 (716)	254 (960)	254 (960)	386 (1461)	574 (2173)	574 (2173)
	18.9	21.8	23.2	18.8	20.9	22.2	18.4
x 71.7" x 83.6"	165.8" x 71.7" x 79.6"	165.8" x 71.7" x 83.2"	203.9" x 75.7" x 94.8"	203.9" x 75.7" x 94.8"	220.9" x 77.7" x 111.4"	260.9" x 85.9" x 119.8"	260.9" x 85.9" x 119.8"
x 1820 x 2124	4212 x 1820 x 2021	4212 x 1820 x 2114	5178 x 1922 x 2408	5178 x 1922 x 2408	5612 x 1974 x 2830	6626 x 2181 x 3042	6626 x 2181 x 3042
(2269)	4,518 (2049)	5,758 (2611)	7,205 (3268)	7,717 (3500)	8,998 (4081)	13,868 (6289)	14,170 (6426)
(2932)	5,632 (2554)	7,220 (3274)	9,166 (4157)	9,678 (4389)	11,957 (5423)	18,271 (8286)	18,573 (8423)
	70	71	68	69	70	74	76



## Operator-preferred analog control panel

Easy-to-read analog gauges display critical operating parameters at a glance. Any system faults are indicated on the LED diagnostic panel, greatly simplifying troubleshooting. Gauges and switches have been chosen for their reliability and performance in harsh environments.



## A Corrosion resistance promotes long life

PowerSource features a heavy-gauge enclosure finished with a 13-stage paint process including zinc phosphate pretreatment, e-coat primer, and a durable textured powder-paint coating that provides the ultimate in corrosion resistance for long life and exceptional resale values.

## B Extended runtime

Thanks to the high-capacity onboard fuel system, PowerSource can run at least 24 hours<sup>†</sup> without refueling, ensuring uninterrupted power to your critical applications.

## C State-of-the-art engine systems

Advanced engines from Ingersoll Rand and Cummins provide the performance and reliability you expect. Electronic engines provide the precision frequency control necessary in sensitive applications, plus integrated diagnostic controls.

## D Neighborhood-friendly, quiet operation

PowerSource achieves powerful high-output performance with low sound output, thanks to its innovative enclosure with sound-reducing insulation, optimized fan speeds, and critical-grade exhaust components — all of which combine to make PowerSource the perfect choice for special events applications, nighttime construction, and on other noise-sensitive worksites.

<sup>†</sup>At 75% rated load.



Experience the power of Ingersoll Rand construction and road building equipment, industry-leading support, and service. Whatever your job, Ingersoll Rand has the solution from pavers and compactors, portable air compressors, light towers and generators, earthmoving equipment, material handlers, concrete equipment to attachments. Running a successful business takes more than powerful equipment. That's why Ingersoll Rand partners with an experienced global dealer network to stand beside you every step of the way.

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