



Bobcat®

Mobile Generators



***One Tough
Animal®***

POWER

AT ITS MOST EMPOWERING



For generations, workers who have done the toughest jobs on earth have understood that if it's got to be done right, it's got to be done with Bobcat® equipment. Those same workers have worked alongside the robust, reliable portable generators of Ingersoll Rand®, which later became Doosan Portable Power. Now the powerful legacy of these steadfast brands is part of Bobcat.

Bobcat mobile generators build on the reliability and unstopability that operators grew to depend on with the Doosan Portable Power lineup. Built to last, easy to operate and designed to perform in extreme conditions, Bobcat gives you efficient power in remote places and impossible spaces.



POWER UP YOUR VERSATILITY.

These Bobcat generators are designed to fully meet the demands of a wide range of applications, including rental, construction, events and entertainment, and disaster recovery. With their durable construction and an innovative high-performance engine, they handle the harshest environments while you handle less required maintenance.

MULTI-VOLTAGE VERSATILITY

Standard units feature multi-voltage and 50/60 Hz capability to meet a broad range of applications.

LOW MAINTENANCE, NO DPF

The high-performance engine features a diesel oxidation catalyst (DOC) aftertreatment system, which is virtually maintenance-free. It also meets EPA Tier 4 emissions standards without diesel particulate filters.

DURABLE COOLBOX ENCLOSURE

The CoolBox™ enclosure keeps sound levels to a minimum and ensures proper cooling airflow.

(AT LEAST) 24 HOURS OF RUNTIME

Skid base frames have integrated high-capacity fuel tanks that provide a full 24 hours of operation – with the potential for more.

FEWER SPILLS

The base frame design prevents spillage of fuel or oil.

HEAVY-DUTY RUNNING GEAR SYSTEM

Running gear mounts easily to baseframe with low-profile, torsion-style axles and choice of electric or hydraulic surge brakes, bolt-on fenders, and adjustable height hitches – so you can safely tow on- or off-road.



Model	PG25	PG40	PG50
PRIME POWER RATING			
@ 480V-3Ø, 0.8PF, 60Hz	25 kVA 20 kW 30 A	40 kVA 32 kW 48 A	50 kVA 40 kW 60 A
@ 240V-3Ø, 0.8PF, 60Hz	25 kVA 20 kW 60 A	40 kVA 32 kW 96 A	50 kVA 40 kW 120 A
@ 208V-3Ø, 0.8PF, 60Hz	25 kVA 20 kW 69 A	40 kVA 32 kW 111 A	50 kVA 40 kW 139 A
@ 240V-1Ø, 1.0PF, 60Hz	20 kVA 20 kW 83 A	30 kVA 30 kW 127 A	33 kVA 33 kW 140 A
@ 120V-1Ø, 1.0PF, 60Hz	20 kVA 20 kW 83 x 2 A	30 kVA 30 kW 127 x 2 A	33 kVA 33 kW 140 x 2 A
@ 400V-3Ø, 0.8PF, 50Hz	25 kVA 20 kW 36 A	31 kVA 25 kW 45 A	43 kVA 34 kW 62 A
Voltage Configuration	3-Position Switch	3-Position Switch	3-Position Switch
Frequency Capability	50 Hz/60 Hz Switchable	50 Hz/60 Hz Switchable	50 Hz/60 Hz Switchable
ENGINE			
Make & Model	Doosan D18	Doosan D24	Doosan D24
Displacement	1.8 L	2.4 L	2.4 L
Number of Cylinders	3	4	4
Power Output @ 1800 rpm	39.5 hp (28.8 kWm)	48.8 hp (36.0 kWm)	59.8 hp (44.6 kWm)
Emissions Tier Level	Tier 4 Final	Tier 4 Final	Tier 4 Final
Aftertreatment Technology	DOC	DOC	DOC
Usable Fuel Tank Capacity	47 gal. (177 L)	110 gal. (416 L)	110 gal. (416 L)
Diesel Exhaust Fluid (DEF) Capacity	—	—	—
Runtime @ 100% Load	24 hr.	37 hr.	30 hr.
DIMENSIONS WITH RUNNING GEAR			
Length	130.5 in. (3315 mm)	130.5 in. (3315 mm)	130.5 in. (3315 mm)
Width	68.3 in. (1735 mm)	68.3 in. (1735 mm)	68.3 in. (1735 mm)
Height	76.6 in. (1946 mm)	76.6 in. (1946 mm)	76.6 in. (1946 mm)
Weight (Ready to Run)	3060 lb. (1388 kg)	3823 lb. (1735 kg)	3930 lb. (1782 kg)
Sound Level @ 23 ft. (7 m) and 100%	62 dB	64 dB	66 dB

MORE OUTPUT. LESS INPUT.

These generators include a standard three-position voltage selector switch or link board panel to deliver a broad range of output voltages. It's designed for easy use, as it's protected from unauthorized access and includes a machine shutdown to prevent switching during operation.

A spacious customer connection panel accepts a wide variety of power cables. A convenient receptacle panel includes 240V single phase twist-lock and 120V GFCI receptacles.

POWER AT A GLANCE

The easy-to-use operator panel includes the powerful TG410 controller and is complemented by a full array of analog gauges that are simple to control and easy to monitor.

TEMPERATURE-CONTROLLED, VARIABLE-SPEED COOLING FAN

Stay cool. This group of generators offers solid performance in extreme temperatures. The variable-speed fan improves sound attenuation and water ingress across their entire operating range.

ADVANCED LCD DISPLAY CONTROL PANEL

The LCD display delivers detailed information that makes operation and troubleshooting more convenient. It features:

- Remote auto start/stop control
- Telematics system integration
- Warnings and shutdown alerts
- System fault log

HIGH-CAPACITY DIESEL EXHAUST FLUID (DEF) TANK

Ensures that DEF capacity matches your fuel supply, preventing downtime.

COOLBOX PLUS ENCLOSURE

The CoolBox Plus™ enclosure features upgrades and enhancements that reduce noise, ensure precision cooling and improve fuel economy.





Model	PG70	PG100	PG125	PG150
PRIME POWER RATING				
@ 480V-3Ø, 0.8PF, 60Hz	77 kVA 61 kW 92 A	100 kVA 80 kW 120 A	125 kVA 100 kW 151 A	154 kVA 123 kW 186 A
@ 240V-3Ø, 0.8PF, 60Hz	77 kVA 61 kW 184 A	100 kVA 80 kW 241 A	125 kVA 100 kW 301 A	154 kVA 123 kW 371 A
@ 208V-3Ø, 0.8PF, 60Hz	77 kVA 61 kW 213 A	100 kVA 80 kW 278 A	121 kVA 97 kW 336 A	148 kVA 118 kW 411 A
@ 240V-1Ø, 1.0PF, 60Hz	50 kVA 50 kW 208 A	72 kVA 72 kW 300 A	86.5 kVA 86.5 kW 360 A	104 kVA 104 kW 433 A
@ 120V-1Ø, 1.0PF, 60Hz	50 kVA 50 kW 208 × 2 A	72 kVA 72 kW 300 A	86.5 kVA 86.5 kW 360 × 2 A	104 kVA 104 kW 433 × 2 A
@ 400V-3Ø, 0.8PF, 50Hz	72 kVA 57 kW 103 A	100 kVA 80 kW 144 A	105 kVA 84 kW 152 A	132 kVA 106 kW 191 A
Voltage Configuration	3-Position Switch	3-Position Switch	3-Position Switch	3-Position Switch
Frequency Capability	50 Hz/60 Hz Switchable	50 Hz/60 Hz Switchable	50 Hz/60 Hz Switchable	50 Hz/60 Hz Switchable
ENGINE				
Make & Model	Cummins / F3.8	Cummins / F3.8	Cummins QSB5-G11	Cummins QSB5-G12
Displacement	3.8 L	3.8 L	4.5 L	4.5 L
Number of Cylinders	4	4	4	4
Power Output @ 1800 rpm	84 hp (62 kW)	129 hp (96 kW)	153 hp (114 kWm)	186 hp (139 kWm)
Emissions Tier Level	Tier 4 Final	Tier 4 Final	Tier 4 Final	Tier 4 Final
Aftertreatment Technology	DOC / SCR	DOC / SCR	DOC / SCR	DOC / SCR
Usable Fuel Tank Capacity	172 gal. (651 L)	172 gal. (651 L)	176.5 gal. (668.0 L)	176.5 gal. (668.0 L)
Diesel Exhaust Fluid (DEF) Capacity	14.7 gal. (55.5 L)	14.7 gal. (55.5 L)	24.4 gal. (92.4 L)	24.4 gal. (92.4 L)
Runtime @ 100% Load	37 hr.	28 hr.	24.5 hr.	20.1 hr.
DIMENSIONS WITH RUNNING GEAR				
Length	164.4 in. (4180 mm)	164.6 in. (4180 mm)	171.0 in. (4343 mm)	171.0 in. (4343 mm)
Width	72.4 in. (1840 mm)	72.4 in. (1840 mm)	72.5 in. (1841 mm)	72.5 in. (1841 mm)
Height	94.7 in. (2405 mm)	94.7 in. (2405 mm)	91.0 in. (2311 mm)	91.0 in. (2311 mm)
Weight (Ready to Run)	6000 lb. (2721 kg)	6307 lb. (2857 kg)	6950 lb. (3152 kg)	6950 lb. (3152 kg)
Sound Level @ 23 ft. (7 m) and 100%	65 dB	67 dB	68 dB	68 dB

OVERPOWER ANY CHALLENGE.

These generators have powerful, separately excited and brushless alternators that increase starting capacity and easily power tower cranes, rock crushers, oilfield equipment and other heavy-duty applications.

(AT LEAST) 24 HOURS OF RUNTIME

The PG190, PG240 and PG325 all have minimum runtimes of 24 hours or more at full load.

DUALBOX ENCLOSURE DESIGN

The DualBox™ enclosure separates the powertrain from the cooling system, allowing independent control of the cooling performance in each compartment.

HIGH-CAPACITY DIESEL EXHAUST FLUID (DEF) TANK

Ensures that DEF capacity matches your fuel supply, preventing downtime.

DUAL VARIABLE-SPEED COOLING FANS

The engine compartment is cooled by two variable-speed, electric cooling fans that are designed to maximize sound attenuation and minimize water ingress.

HIGH-EFFICIENCY CENTRIFUGAL COOLING FAN

The cooling compartment features a high-efficiency, centrifugal-style cooling fan that improves fuel economy and provides superb cooling performance.

SOLID-STATE AUTOMATIC VOLTAGE REGULATORS

Provide the precise voltage control needed in sensitive applications such as concerts, film production and special events.

HIGHEST-GRADE INSULATION

The highest-grade insulating materials ensure long life and resistance to dust and moisture common in mobile applications.

500-HOUR SERVICE INTERVALS

With 500-hour fluid and filter exchange intervals, you'll maximize uptime. When it's time for maintenance, access to key maintenance points is easy and designed to get you back to operation quickly.



Model	PG190	PG240	PG325
PRIME POWER RATING			
@ 480V-3Ø, 0.8PF, 60Hz	181 kVA 145 kW 218 A	235 kVA 188 kW 283 A	334 kVA 267 kW 401 A
@ 240V-3Ø, 0.8PF, 60Hz	181 kVA 145 kW 434 A	235 kVA 188 kW 566 A	334 kVA 267 kW 803 A
@ 208V-3Ø, 0.8PF, 60Hz	181 kVA 145 kW 501 A	219 kVA 175 kW 608 A	316 kVA 253 kW 877 A
@ 240V-1Ø, 1.0PF, 60Hz	110 kVA 110 kW 458 A	136 kVA 136 kW 567 A	197 kVA 197 kW 821 A
@ 120V-1Ø, 1.0PF, 60Hz	110 kVA 110 kW 458 × 2 A	136 kVA 136 kW 567 × 2 A	197 kVA 197 kW 821 × 2 A
@ 400V-3Ø, 0.8PF, 50Hz	165 kVA 132 kW 238 A	200 kVA 160 kW 289 A	280 kVA 224 kW 404 A
Voltage Configuration	3-Position Switch	Link Board Panel	Link Board Panel
Frequency Capability	50 Hz/60 Hz Switchable	50 Hz/60 Hz Switchable	50 Hz/60 Hz Switchable
ENGINE			
Make & Model	Cummins QSB7-G8	Cummins QSB7-G9	Cummins QSL9-G9
Displacement	6.7 L	6.7 L	8.9 L
Number of Cylinders	6	6	6
Power Output @ 1800 rpm	219 hp (163 kWm)	282 hp (210 kWm)	393 hp (293 kWm)
Emissions Tier Level	Tier 4 Final	Tier 4 Final	Tier 4 Final
Aftertreatment Technology	DOC / SCR	DOC / SCR	DOC / SCR
Usable Fuel Tank Capacity	330 gal. (1249 L)	330 gal. (1249 L)	460 gal. (1741 L)
Diesel Exhaust Fluid (DEF) Capacity	24.4 gal. (92.4 L)	24.4 gal. (92.4 L)	24.4 gal. (92.4 L)
Runtime @ 100% Load	31.7 hr.	24.4 hr.	24.1 hr.
DIMENSIONS WITH RUNNING GEAR			
Length	224.0 in. (5689 mm)	224.0 in. (5689 mm)	240.0 in. (6098 mm)
Width	83.2 in. (2114 mm)	83.2 in. (2114 mm)	83.0 in. (2109 mm)
Height	102.9 in. (2615 mm)	102.9 in. (2615 mm)	113.0 in. (2870 mm)
Weight (Ready to Run)	11,377 lb. (5172 kg)	11,377 lb. (5172 kg)	14,032 lb. (6378 kg)
Sound Level @ 23 ft. (7 m) and 100%	69 dB	69 dB	76 dB

MAXIMUM VERSATILITY WITH NO MINIMUM LOAD

The PG400 and PG570 are the industry's only 400-kVA-or-larger generators that have no minimum load requirements. Versatile enough for any application, these workhorses have an easily accessible two-position link board that's configured for operation at most common voltages and includes on-board storage for optional single-phase link board.

PG570: SMALL FOOTPRINT. BEST DENSITY.

The PG570 leads its class for both smallest footprint and best motor starting capability, making it the industry's best in power density. It's designed for seamless paralleling and comes standard with a DEIF AGC4 paralleling controller.

OVERSIZED ALTERNATORS

Both models come standard with an oversized alternator for best-in-class motor starting capacity.

SEPARATE DIESEL AND DEF FILLS

Separation of diesel fuel and DEF fill points reduces the possibility of cross contamination.

HEAVY-DUTY TRAILER AND RUNNING GEAR

Meets National Highway Safety Administration (NHTSA) standards.

COOLBOX+ ENCLOSURE

The CoolBox+™ enclosure design ensures optimum cooling, low noise levels and reduced water ingress.

OPERATOR FRIENDLY

The standard Bobcat control panel features analog gauges for at-a-glance monitoring, as well as an advanced digital control display.



Model	PG400	PG570
PRIME POWER RATING		
@ 480V-3Ø, 0.8PF, 60Hz	402 kVA 322 kW 484 A	570 kVA 456 kW 686 A
@ 240V-3Ø, 0.8PF, 60Hz	402 kVA 322 kW 967 A	570 kVA 456 kW 1371 A
@ 208V-3Ø, 0.8PF, 60Hz	402 kVA 322 kW 1116 A	570 kVA 456 kW 1582 A
@ 240V-1Ø, 1.0PF, 60Hz	216 kVA 216 kW 900 A	255 kVA 255 kW 1063 A
@ 120V-1Ø, 1.0PF, 60Hz	216 kVA 216 kW 900 x 2 A	—
@ 400V-3Ø, 0.8PF, 50Hz	387 kVA 310 kW 559 A	—
Voltage Configuration	Link Board Panel	Link Board Panel
Frequency Capability	50 Hz/60 Hz Switchable	60 Hz
ENGINE		
Make & Model	Cummins QSG12	Cummins X15
Displacement	11.8 L	14.95 L
Number of Cylinders	6	6
Power Output @ 1800 rpm	475 hp (354 kWm)	680 hp (507 kWm)
Emissions Tier Level	Tier 4 Final	Tier 4 Final
Aftertreatment Technology	DOC / DPF / SCR	DOC / SCR
Usable Fuel Tank Capacity	470 gal. (1780 L)	656 gal. (2483 L)
Diesel Exhaust Fluid (DEF) Capacity	46 gal. (174 L)	46 gal. (174 L)
Runtime @ 100% Load	20.2 hr.	21.1 hr.
DIMENSIONS WITH RUNNING GEAR		
Length	241.0 in. (6121 mm)	260.0 in. (6604 mm)
Width	83.0 in. (2109 mm)	98.5 in. (2502 mm)
Height	115.0 in. (2921 mm)	119.8 in. (3043 mm)
Weight (Ready to Run)	15,450 lb. (7022 kg)	23,574 lb. (10,693 kg)
Sound Level @ 23 ft. (7 m) and 100%	76 dB	75 dB

MAKE LIGHT LOAD APPLICATIONS LESS TAXING.

INTELLIGENT LOAD MANAGEMENT SYSTEM (ILMS) STOPS WET STACKING AND KEEPS YOU RUNNING.

Your generator must perform, even in challenging light-load applications that can be further affected by extremely low temperatures. Whether a cyclical application, such as an oilfield pump jack, or a periodic load, such as a mancamp, even properly sized generators can suffer performance or reliability problems.

This is particularly challenging for modern Tier 4 engines requiring high exhaust temperatures for proper performance of the emissions control components. To perform at its best, your generator must reach a certain operational temperature. Anything less hinders performance and makes it difficult to burn off excess fuel. Unburned fuel becomes a sludge-like buildup or wetness in the exhaust system known as “wet stacking.”

Diesel generator wet stacking can clog the exhaust and aftertreatment system, requiring time-consuming cleaning and expensive repairs. It can also cause permanent damage to internal engine components.

ILMS (available exclusively on Bobcat generators) automatically raises the engine and exhaust temperature with supplemental heat, achieving the optimal operating temperature necessary to prevent diesel generator wet stacking and ensure generator performance in light-load or fluctuating conditions.

Engine manufacturers require a minimum of 30% load on the engine for optimal performance. If you have a small load at your jobsite, the ILMS option will allow you to meet that requirement, resulting in increased performance and reliability without sacrificing capacity or fuel economy.

NO WET STACKING



COLD TEMP



AUTONOMOUS OPERATION



INCREASED UPTIME



PARALLELING

PARALLELING IS PAINLESS WITH BOBCAT.



For applications that require additional power or desire redundancy to ensure the ultimate reliability, Bobcat offers advanced control systems that allow multiple generators to be synchronized and paralleled together.

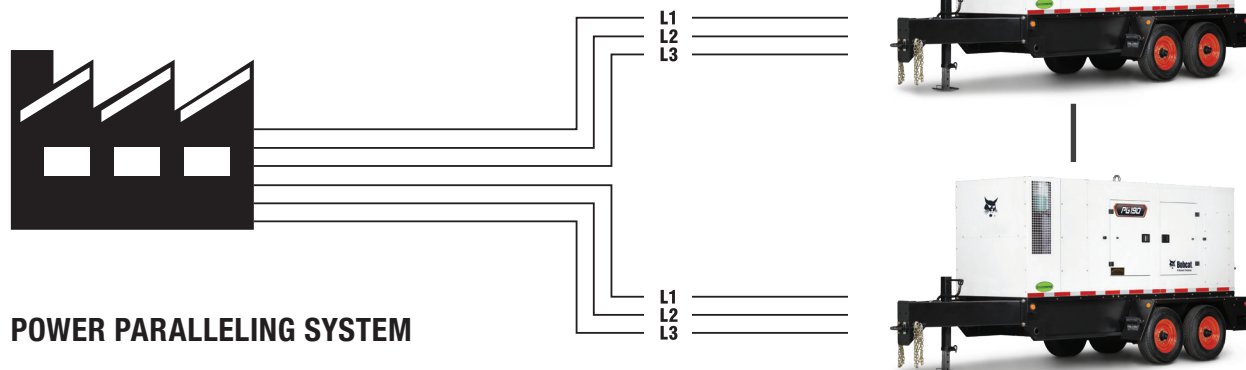
By partnering with DEIF, a global leader in control systems, Bobcat offers you a highly configurable control system that can support a broad range of applications. It's also intuitive and easy to operate, even for rental customers who have less experience running generators.

A two-wire CAN bus data link enables load sharing; it also provides the option to communicate with other common brands of controllers via a three-wire analog data link. The system offers advanced power management capability, including load-dependent starting and stopping, asymmetric load sharing, and priority selection, which allow the user to optimize load sharing based on running hours or fuel consumption.

The system comes fully configured from the factory, which greatly simplifies commissioning and setup. The controller is easily programmed through the operator interface or via a laptop interface using DEIF's downloadable USW configuration software.

For more advanced applications, Bobcat offers the DEIF AGC4 controller. Coupled with a Digital Voltage Regulator for precision control and regulation, the system can be easily programmed for high performance in challenging applications such as motor starting, transformer energizing and close before excitation, which can synchronize multiple generators in less than 10 seconds following blackout.

The complete Bobcat solution includes a fully packaged control system, a motorized main circuit breaker, coupled with the Leroy-Somer D510C digital AVR and easy terminations for all required customer connections.





YOU ARE ONE TOUGH ANIMAL.®

Everything we put into Bobcat equipment is designed to make more of whatever you bring to the job. Whether it's strength, versatility, speed or agility, it's built around you.

Certain specification(s) are based on engineering calculations and are not actual measurements. Specification(s) are provided for comparison purposes only and are subject to change without notice. Specification(s) for your individual Bobcat equipment will vary based on normal variations in design, manufacturing, operating conditions, and other factors.

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DOOSAN

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