



Doosan Infracore
Portable Power

G150 - G200 IIIA | Product Range



New Stage IIIA generators

For a greener future



Reliable electrical power supply

The output performance stability of these two new generators is ensured by an optimized powertrain featuring a combination of John Deere Stage IIIA engines and Leroy Somer alternators. The G150-IIIA and G200-IIIA have a standard fuel capacity offering a minimum of 12 hours of autonomous operation, at 75% of the load. A 24 hour onboard fuel tank configuration is available as an option.

Powerful Leroy Somer alternators with the AREP excitation system provide best-in-class motor-starting performance, ideal for powering pumps, cranes and other applications with high start-up demands. To increase long term reliability in harsh environments, the standard alternator configuration includes 'heavy duty' protection for the rotor and stator windings.



Flexible fuel supply system

The innovative fuel tank frame system, ensuring 110% fluid containment capacity, provides the highest flexibility available in the generator market. The main advantage of this system is the interchangeability between 12 and 24 hours autonomy configuration. On top of this, as fuel quality and storage are the main concerns for rental companies, routine fuel tank maintenance tasks have been greatly simplified with special attention to the fuel tank cleaning and

port draining processes.

A robust 3-way fuel supply valve is available as an option.

Combined with an external fuel connection module, the system will provide maximum autonomy.



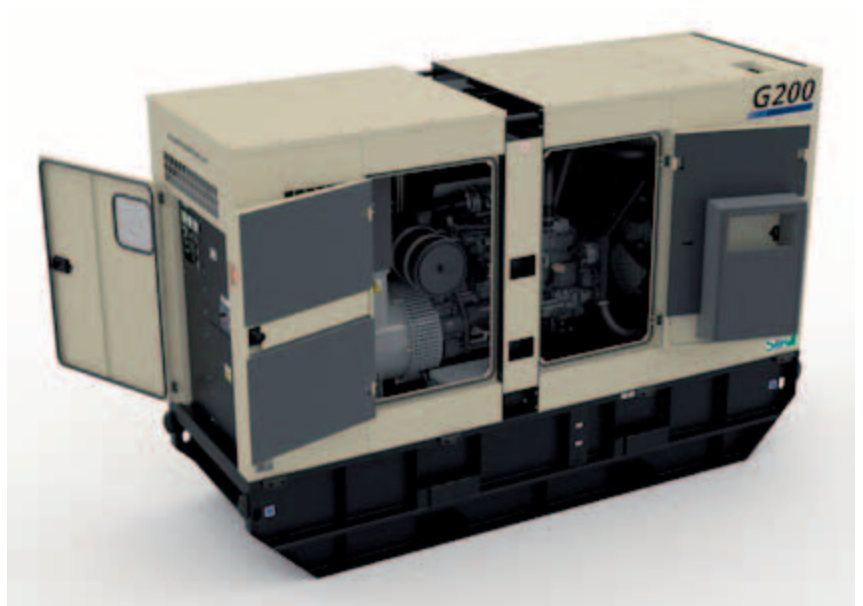
Easy and safe operation

The electrical control and power compartment has been designed to meet the highest safety, reliability and flexibility requirements. All control functions are grouped together on a common,

simple-to-use operator control panel with easy-to-read analogue gauges displaying critical operating parameters at a glance.

The power supply pedestal features a robust busbar connection with high quality electrical protection and an adjustable earth leakage relay as standard features. A multi grounding/neutral module is also available as an option.

Safe and easy access to key lifting and maintenance areas has been a priority throughout the design of these new generators.



Specifications



Models	G150-III A	G200-III A
Electrical performance and components		
Prime power (kVA) @ 1500 RPM (50 Hz)	150	200
Stand-by power (kVA) @ 1500 RPM (50 Hz)	165	220
Frequency (Hz)	50 (60 optional)	50 (60 optional)
Voltage output at rated frequency (Hz) – 1-phase / 3-phase (V)	50 – 230/400 60 – 230/440	50 – 230/400 60 – 230/440
Maximum sound power level @ 75% load (LWA)	96	96
Alternator make	Leroy Somer	Leroy Somer
Alternator excitation type	AREP	AREP
Alternator insulation class	H	H
Alternator IP rating	IP 23	IP 23
Main breaker make	Schneider Electric	Schneider Electric
Engine		
Make	John Deere	John Deere
Model	6068HFG82	6068HFG82
Emission compliance	EU Stage IIIA	EU Stage IIIA
Prime power engine rating (net kW)	139	184
Number of cylinders	6 in line	6 in line
Electrical supply voltage (V)	12 DC	12 DC
Speed regulation accuracy (steady state)	+/- 0.25%	+/- 0.25%
Fuel tank usable capacity (L) std / extended fuel tank	500 / 1000	500 / 1000
Fuel consumption @ 75% of the load (L/hr)	29.0	36.3
Runtime @ 75% of the load (hrs) std / extended fuel tank	15 / 30	12 / 24
Dimensions & weights		
Length (mm)	3524	3524
Width (mm)	1200	1200
Height (mm) std/extended fuel tank	2103 / 2353	2103 / 2353
Dry weight (kg) std/extended fuel tank	2600 / 2850	2700 / 2950
Wet weight (kg) std/extended fuel tank	3100 / 3850	3200 / 3950
Standard features		
Two element air filter	○	○
Fuel filter with water separator	○	○
Radiator access door	○	○
Coolant fluid and engine oil external drains	○	○
Double wall fuel tank standard runtime	○	○
Containment base 110% of fluids	○	○
Removable fuel filling port for tank cleaning	○	○
Combined containment and fuel tank drain plugs	○	○
Forklift pockets	○	○
Central lifting point	○	○
Safe lifting point access steps	○	○
Keys on all access doors	○	○
Robust battery isolator switch	○	○
Analogue panel (gauges, auto-start control and alarms/shutdown module)	○	○
Automatic start voltage free contacts	○	○
4-pole circuit breaker	○	○
Adjustable earth leakage protection 30-300 mA	○	○
Robust connection busbar	○	○
Heavy duty alternator winding impregnation	○	○
Options		
Digital control panel	■	■
Dual frequency with digital control panel	■	■
Multiple neutral / earthing system	■	■
Synchronization panel (under development)	■	■
Power Management Software (only with synchronization option)	■	■
Dual frequency with synchronization panel	■	■
Double wall fuel tank extended runtime	■	■
3-way fuel supply internal valve block	△	△
3-way fuel supply internal valve block with external fuel connection preparation	△	△
Containment / fuel drain riveted cover	■	■
Frame side front and back rubber protection	△	△
Earth rod and cable	△	△
Oil sump pump	△	△
Containment manual drain pump (loose kit - not installed)	■	■
Socket panel CE	△	△
Socket panel UK	△	△
230 Volts battery charger and engine block heater	△	△
Customized colour (canopy / canopy and frame)	■	■

○ = Standard ■ = Option available △ = Retrofittable option available

Your journey with a **Doosan** Portable Power generator starts here



Warranty

We protect your purchase or lease with a 1 year or 2000 hours warranty (whichever occurs first) on the entire generator package, 2 years or 4000 hours on the alternator as well as 2 years or 4000 hours on John Deere engines.

Aftermarket solutions and service

- Dealer stocking program for frequently used parts
- Express availability for other parts
- Support for you and your dealer with diagnostic expertise on difficult service problems

Financial solutions

We provide financing and leasing options tailored to meet your individual business needs. Our streamlined loan application and credit approval process can quickly make your business plans a reality.

Remarketing services

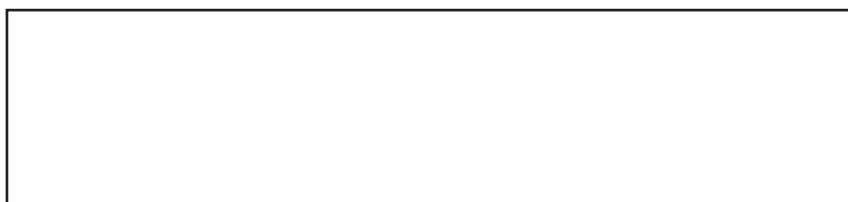
We help our customers to sell and buy used equipment by providing them a direct online connection to a large inventory of previously-owned equipment, anywhere in the world.



With Doosan Portable Power, you are not just buying a piece of equipment. You are investing in the strength and expertise of Doosan Portable Power and its people. From engineers and factory technicians, to field representatives and your dealer, we support your purchase. We are committed to helping you realize maximum value job after job, day after day. Wherever you see Doosan Portable Power equipment, you'll know that all of the Doosan Portable Power team is behind it.

Our industry-leading support system will keep you up and running for as long as you own your Doosan Portable Power equipment. Doosan Portable Power is committed to supporting each product throughout its life. We are committed to offer you an invaluable source of product information, financial service, training, technical service bulletins, service, parts and more...

More than generators



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Specifications and design are subject to change without notice. Pictures of Doosan Portable Power products may show other than standard equipment.