



JOHN DEERE

Generator Drive Applications

Diesel Engines



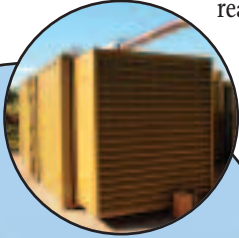
***You're ready
for anything***
with reliable prime or standby power.

BEYOND THE BOUNDARIES

Ready when you need it

Prime or standby power

Generator sets must be able to operate at any moment and for as long as necessary. John Deere generator drive engines are always ready for anything! They provide fast response for standby situations and exceptional load recovery in all applications.



Without interruption

Because prime power gen-sets must be able to work continuously, John Deere designs reliability and durability into every generator drive engine. Plus, our engines offer extended oil change intervals up to 500 hours – minimizing maintenance in most operating conditions.

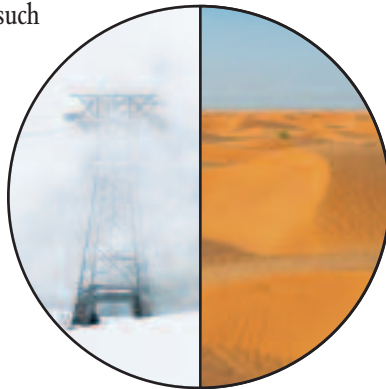


John Deere generator drive engines provide continuous power for pumping stations, peak shaving, distributed power, mining, and other remote applications.

In any condition

John Deere engines deliver excellent cold starting thanks to advanced electronic high-pressure fuel systems and effective preheating options such

as glow plugs, air heaters, or block heaters. We also offer a full line of cooling packages that are adapted to harsh environments.



For the long haul

Quality has always been at the heart of John Deere. Our name and reputation is at stake every time a customer uses a John Deere-powered gen-set. This is why we place so much importance on the longevity of our products.



Ready to install

Complete freedom

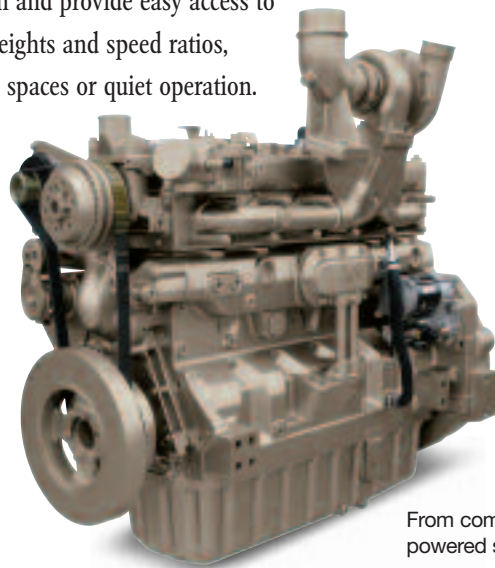
Freedom is being able to select from a wide range of engine models with displacements from 2.4L to 13.5L. You can choose a variety of options such as 12V or 24V electrical systems, and left or right side service points. And don't forget the peace of mind that comes from knowing that parts are readily available from our large service network.

Power density

Imagine a 4-cylinder engine that performs like a 6-cylinder! One of the secrets of John Deere engines is their ability to generate maximum power in a minimum of space. We use engine technologies such as four-valve cylinder heads to achieve maximum power density. Through these advancements, our current 6.8L engines perform in applications where larger displacement engines are traditionally required.

Easy installation

John Deere engines can be installed into generator sets using either the engine block's front or side mounts. We also offer many options to ensure perfect integration and provide easy access to service points. With multiple fan heights and speed ratios, generator sets can be built for tight spaces or quiet operation.



Application assistance

Our experienced staff works closely with you to make sure our engines are compatible with your gen-sets.

Cooling packages — John Deere also offers application-approved cooling packages for our full line of Tier 3 engines. These preconfigured units can save you hours of engineering time and help you get generator sets to market faster.

With John Deere, you benefit from the worldwide expertise of an off-highway engine specialist that is ISO 9000 and 14001 certified – and a major partner of gen-set manufacturers.

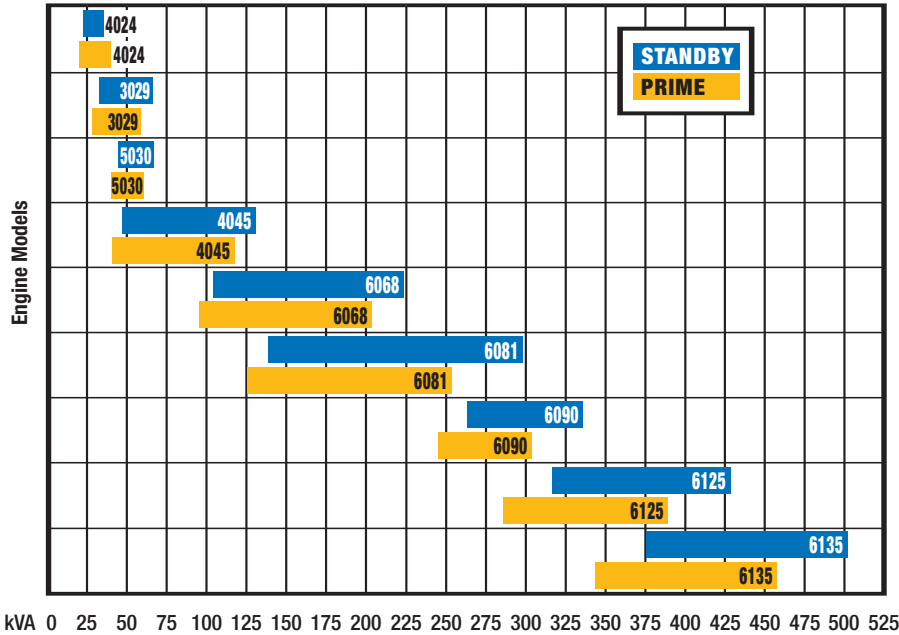


From computer centers to hospital operating rooms, John Deere-powered standby generator sets protect critical applications, ensure uninterrupted productivity, and offer peace of mind.



Ready to meet your power needs

Power Ratings 50 Hz (1500 rpm)



Our solutions to different regulations

We offer a wide power range of generator drive engines from 21 to 460 kW (20 to 511 kVA). John Deere engines comply with non-road emissions regulations for the U.S. Environmental Protection Agency (EPA) and the European Union (EU).

50-60 Hz emissions non-regulated markets

Simplicity, sturdiness and compactness are the key features of our engines. Even in the most extreme operating conditions, our engines will meet your needs.

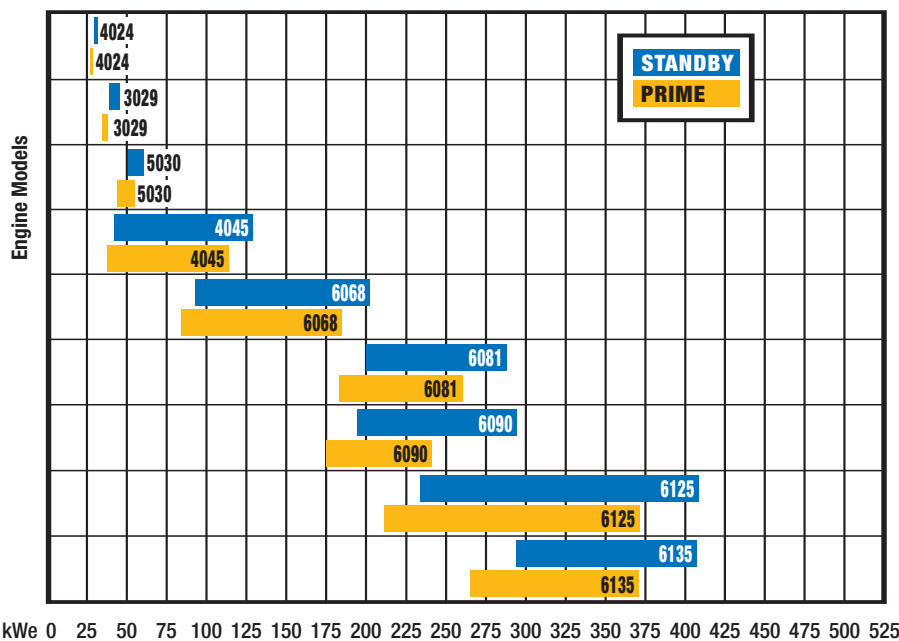
50 Hz emissions regulated markets

Our new range meets the Stage II emissions standard (introduced by the European directive 97/68/EC). Also, many of the engines in this range meet the TA-Luft and CCNR standards.

60 Hz emissions regulated markets

Within this range, we offer a wide choice of engines that fully meet the EPA Tier 1, Tier 2, and Tier 3 emission standards.

Power Ratings 60 Hz (1800 rpm)



Ratings are subject to change.



Ready for results

Fuel efficiency

At John Deere, we take fuel efficiency very seriously. John Deere engineers utilize a combination of innovative engine design and new technology to improve fuel economy and performance while meeting emissions regulations. Four-valve cylinder heads, low-friction pistons, and advanced electronic controls are just some of the tools we use to help generator set customers create more power with less fuel.

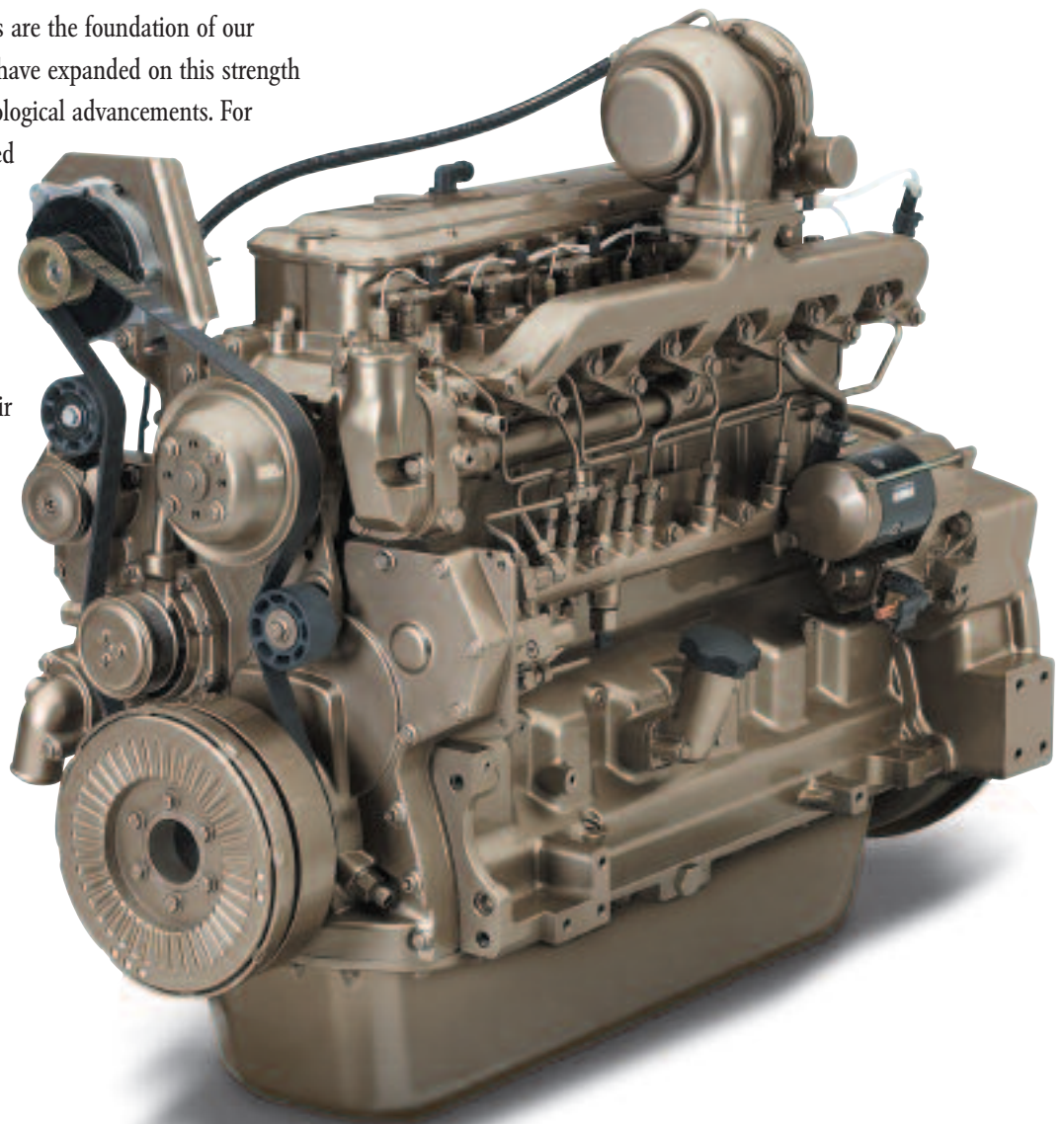


Total quality

From our continuing research and development efforts to our rigorous manufacturing processes, quality is built into every component of a John Deere engine. The result has been over 5 million engines manufactured throughout the world. They deliver performance, fuel efficiency, reliability, emissions compliance, and easy installation – a combination of engine qualities that you can't find just anywhere.

Real reliability

Sturdy, compact engine blocks are the foundation of our reliability and durability. We have expanded on this strength by incorporating many technological advancements. For example, dynamically balanced moving parts such as the crankshaft make the engine quieter and limit vibrations. In addition, several components such as the thermostat housing and the air intake manifold have been built into the cylinder head to reduce leaks.



Ready to provide customer support

The power of a worldwide support network

With more than 4,000 service locations worldwide, you're never far from expert assistance and advice.



Easy maintenance

Log on to www.JohnDeere.com/dealer to find the service dealer nearest you.

John Deere engines are designed for easy maintenance.

Automatic belt tensioners minimize maintenance cost and increase belt life. Larger fuel filters, water separators, fuel pressure sensors, and fault code diagnostics optimize filter life. John Deere engines offer extended oil change intervals up to 500 hours. And single-side service points make it easy to check and maintain fuel filters, oil filters, starters, and fluid levels.



Remanufactured components

Reduce potential operating downtime and repair cost with John Deere remanufactured engines and engine components. Remanufactured components provide a high quality, quick replacement at a lower cost.

Fast parts delivery

You can count on genuine John Deere parts. Our dealers stock maintenance parts, many common replacement parts, and numerous other parts to meet your service needs. Our worldwide parts distribution system has overnight delivery available in most areas of the world.

A warranty you can count on

Customers depend on their generator sets for uninterrupted service. We offer a 2-year/2,000-hour and 1-year/unlimited-hour warranty. This warranty takes effect the date that the gen-set begins operation. In addition, extended warranties are available under certain conditions – up to 5 years/5,000 hours. Be sure to register your engine for warranty support.



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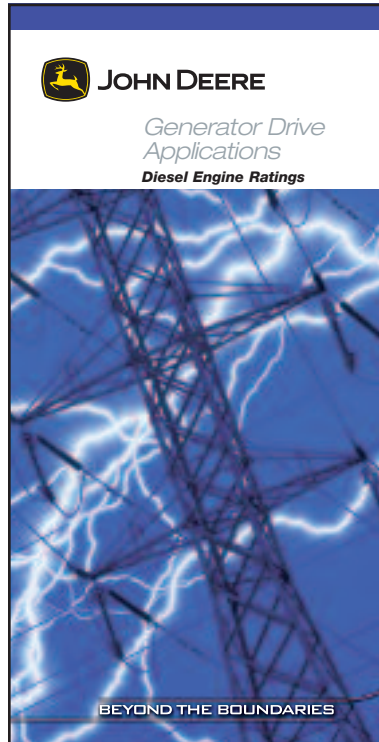
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Want more information?

Please request our brochures for details and technical specifications for our entire line of generator drive engines.



JOHN DEERE