

**AYESH**

عائش لتجارة مواد البناء ذ.م.م  
Ayesh Bldg. Mat. Tr. Co. LLC



**JOHN DEERE**

**Power for All Types  
of Industries**

[www.ayesh-group.com](http://www.ayesh-group.com)

# ABOUT US

Ayesh Group was established in 1996 and since then we have been striving to provide all the customer's construction needs. We proudly worked with various leading contracting companies in the fields of Oil and Gas, Electro-Mechanical, Ship Building & Repair, Fabrication, Furniture, and Government Institutions in UAE. Being one of the top importers, our products are all bought to you from top chosen countries.

We have a vast network of suppliers with high quality goods, to ensure we provide the best to our large number of customers. Through our established suppliers network, we offer the widest range of hardware products in the region. Ayesh Building Materials has a complete solution for building materials, construction supplies, industrial consumables and general items. We have been recognized as the procurement partner of some well-known and big suppliers for tools and equipments across UAE. We desire to provide more outstanding customer service and we strive to adopt a specialized computerization system in integrating material planning, procurement, sales, inventory, logistics, and financials. We built our strong reputation in the market through the continuous improvement of our operational practices and ensuring our alignment with the ongoing development of the international market standards. Ayesh ensures to provide the best in class quality of service to ensure our client's satisfaction.



**JOHN DEERE**

## **JOHN DEERE GENERATORS**

John Deere Diesel generators have an unparalleled track record for providing reliable, hard-working and efficient engines that won't let you down, even in the most extreme conditions. Whatever you throw at them, you just know they'll keep working day after day. With over 80 years of proven performance, you can depend on a John Deere engine for uninterrupted performance, durability and unbeatable fuel economy. These engines are built tough, for any harsh conditions.

Ranging from 30 kVA to 200 kVA these generating sets are mounted as a whole onto heavy-duty fabricated steel base frames. They have anti-vibration pads fixed between the engine, alternator feet, and the base frame to ensure complete vibration isolation of the rotating assembly.

Ayesh diesel generators are thoroughly tested with full load tests completed prior to dispatch. All protective devices, control functions and site load conditions are simulated during these tests. Warranty on this generator is 3 years or 3000 hours (whichever occurs first).



# POWER WHEN YOU NEED IT!

## Prime or standby power

John Deere generator drive engines are ready when and where you need them! They provide fast response for standby situations and exceptional load recovery in all applications.

## Without interruption

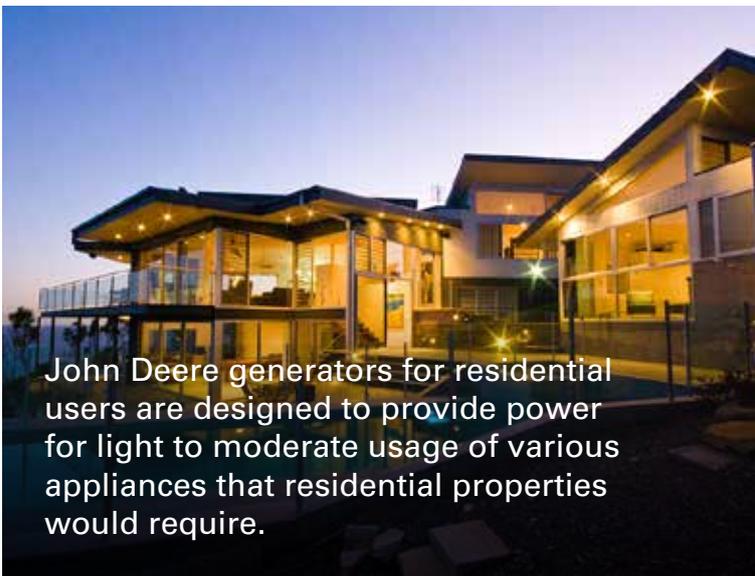
When it's your prime power source, you can't afford any interruptions. That's where John Deere generator drive engines earn their reputation for reliability and confidence.

## In any conditions

Are you operating in sub-zero cold or blistering heat? Don't worry. John Deere engines start in freezing temperatures thanks to advanced electronic high-pressure fuel systems and preheating options such as glow plugs, air heaters, or block heaters. We also offer a full line of cooling packages built to handle the hottest working conditions.

## For long haul

The John Deere name has always been synonymous to durability. It explains why you find so many John Deere engines continuing to do their job years after they were put into service.



John Deere generators for residential users are designed to provide power for light to moderate usage of various appliances that residential properties would require.



From computer and data centers, malls and hospitals, John Deere powered standby generator sets protect critical applications, ensure uninterrupted productivity and offer peace of mind.

# FACTS & FIGURES

Engines produced  
so far 8,000,000

One of world's Most valuable brands in 2018  
( ranked 88 ) Value of 5.4 Billion USD

Engines manu -  
facturing since 1918

Agricultural Equip -  
ment  
**#1 worldwide**

Net Sales and Revenues  
28 Billion USD

Equipment manu -  
facturing since 1918

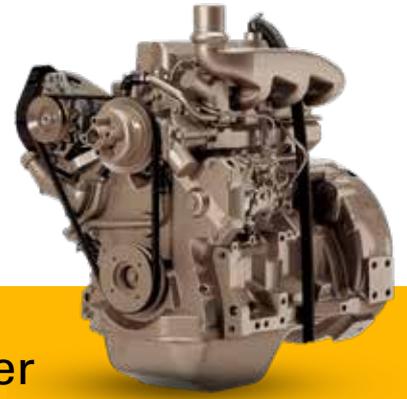
Construction Equip -  
ment  
**#1 worldwide**

Oldest used corporate logo  
more than 135 yrs



Manufacturing in Saran France up to 250KVA (up to 6.8 Liters)  
Bigger Engines are from USA

# Ready to install



## Complete freedom

Select from a wide range of John Deere generator drive engine models with displacements from 2.4L to 13.5L & a variety of options. Our power ranges overlap across engine displacements so you can choose exactly the right fit for your application. You also have the choice between a bare engine or a gen-set power unit (GSPU). Preconfigured GSPUs come with a radiator, fan, and air filter integrated at our factory for maximum efficiency and minimum envelope density. They can save you hours of engineering time and help you get generator sets to market faster. Some call that instant gratification. We call it freedom.

- 12V or 24V electrical systems
- Left or right side service points
- Multiple fan heights and speed ratios
- Factory-installed cooling systems

## Compact power

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 with minimum engine noise and installation space. We use engine technologies such as four-valve cylinder heads to achieve maximum power density. Through these advancements, our current 4.5L and 6.8L engines perform in applications where larger displacement engines are traditionally required. Our power density also helps customers save on fuel costs.

## Installation flexibility

Install John Deere engines using the engine block's front or side mounts. It's your choice. We also offer many options to ensure perfect integration and provide single-side service points for easy access. Have a unique space or noise requirement? With our multiple fan heights and speed ratios, you can build generator sets for tight places or quiet operation.

## Application assistance

It's like having a direct line to an application engineer. Our experienced technical team works closely with you to make sure John Deere engines are compatible with your gensets.



# Generator drive applications

## Our solutions to different regulations

We offer a wide power range of generator drive engines from 21 to 460 kW. These engines comply with all nonroad emissions regulations for the European Union (EU) and the U.S. Environmental Protection Agency (EPA).

**Standby power.** The European Union (EU) does not regulate emergency standby applications. The EPA requires emergency standby applications to meet Tier 3 emissions regulations.

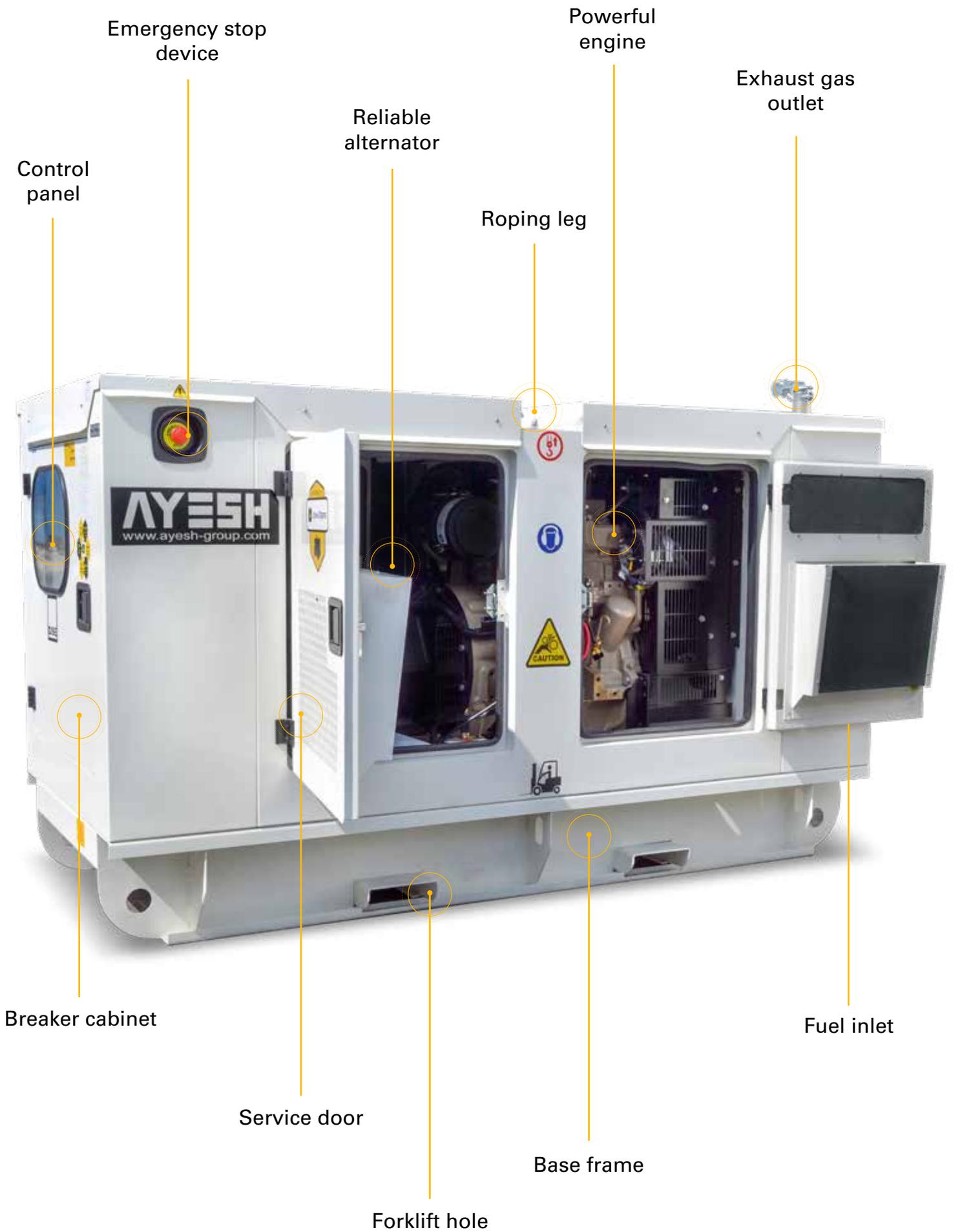
**Prime power.** Starting in 2011, prime power applications are required to meet Stage III A emissions regulations in Europe and Interim Tier 4 in North America.



# Genset Range

50hz/1500rpm 230/400V

Genset Type	Engine	Cylinder	Leroy somer Alternator	Prime		Standby	
				KVA	KW	KVA	KW
JD27-JD32	3029DFU29R	3	TAL042C	27.5	22	32.3	26
JD40-JD45	3029TFU20	3	TAL042F	40.1	32.1	44.9	35.9
JD60-JD66	4045TF158R	4	TAL042H	60	48	66	52.8
JD68-JD75	4045TF158R	4	TAL044B	67.3	53.8	75	60
JD80-JD88	4045TF258R	4	TAL044B	79	63.2	87.6	70.1
JD100-JD110	4045HF158R	4	TAL044D	98.9	79.1	110.8	88.6
JD120-JD135	6068TF258R	6	TAL044H	121.5	97.2	135	108
JD150-JD165	6068HF158R	6	TAL044J	150	120	165	132
JD180-JD200	6068HF258R	6	TAL046A	180	144	201.6	161.3
JD200-JD220	6068HFU20	6	TAL046B	200	160	218.8	175
JD250-JD270	6068HFU55	6	TAL046D	246	196.8	270	216
JD300-JD330	6090HFU84	6	TAL046F	300	240	331	264.8



# Providing After-Sales Support



## Get Your Generator Serviced!

Another advantage of servicing is that it doesn't disrupt your business operations. It allows you to take a proactive approach towards problems before they become serious by monitoring the performance of your genset and providing effective and responsive repairs where necessary. This maximizes the life and efficiency of your generators, and consequently the efficiency and effectiveness of your business as well.

## A Warranty You Can Count On!

From the day your genset begins operation, it's warranted for uninterrupted service. We offer 3 Years/3000 running hours whichever occurs first. In addition, extended warranties are available under certain conditions. We provide service contract.



# AUTHORISED CERTIFICATE



**JOHN DEERE**

John Deere Power Systems  
Usine de Saran  
1 rue John Deere - B.P. 11013  
45401 Fleury-les-Aubrais Cedex - France  
Tel +33 (0)2 38 82 60 60

To Whom It May Concern

## CERTIFICATE

We, John Deere Power Systems, BP 11013 - 1 rue John Deere, 45401 Fleury-les-Aubrais, certify that Ayesh Building Material TRD. L.L.C., P.O. Box 25663, Sharjah, United Arab Emirates, purchases genuine engines from the John Deere dealer.

John Deere genuine engines are identified by their unique engine serial number as printed on the engine serial number plate.

Certificate validity until 31<sup>st</sup> December 2020.

Signed on behalf of John Deere Power Systems, France.

Saran, Apr 29<sup>th</sup>, 2019

Patrick THIL  
Manager, OEM Engine Sales EAME, Asia & Australia

JOHN DEERE - USINE DE SARAN  
JOHN DEERE POWER SYSTEMS  
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