

FPT INDUSTRIAL SHOWCASES ITS POWER GENERATION LINE UP AT MIDDLE EAST ELECTRICITY 2018

Turin, March 7, 2018

From the 6th to the 8th of March, Dubai welcomes the 43rd edition of **Middle East Electricity**, the International trade event for the **Power Industry**. FPT Industrial is there with its latest Power Generation applications. Covering a range from 30 kVA to 600 kVA, **FPT Industrial** presents its most representative line-up of Power Generation solutions on its stand (Saeed Hall, booth S3 D19) as well as on the stands of its OEM partners, **covering 41% of the overall OEMs exhibiting in Dubai**, once again proving FPT Industrial's leadership in the field.



S8000 G-DRIVE 30KVA KVA



The **S8000 G-Drive** combines **high power output** with **low cost of ownership**: its compact design contains 2.9 liters and three cylinders, and delivers an output of up to 30 kVA. This FPT Industrial engine is **best-in-class for maintenance intervals**, which are up to 600 hours, while the fuel **consumption reduction** is exceptional as it is **13% lower** than those of four-cylinder competitors. S8000 G-Drive's reduced complexity and high compactness make this FPT Industrial engine a perfect and **reliable solution** for all **emergency and prime power applications** that do not require emission regulation compliance.

S8000 G-Drive 30kVA Specifications

Displacement:	2.9 liters
Architecture:	3 cylinder
Net Power:	31 kW @1500 34 kW @1800
Dimensions L / W / H (mm):	962 / 621 / 979

PRESS RELEASE

N67 250 kVA



This engine belongs to the renowned FPT Industrial **NEF** family, whose reliability is proven by **1.6 million of units produced since 2011**. The N67 has a displacement of 6.7 liters, with the same dimensions of a 200 kVA power node engine. This is possible thanks to a displacement downsizing approach: FPT Industrial adopts a 6 cylinder 6.7 liter engine, while competitors prefer a 6 cylinder 9 liter engine. This makes the **N67 best-in-class for G-Drive packaging**. Other benefits are the **maximized maintenance intervals** - up to 600 hours - **reducing servicing downtime** by approximately 20% compared to its competitors.

This innovative product also uses **premium technology components**, including a 1,600 bar Common Rail injection system, which reduces fuel consumption through the optimization of the combustion process, smart turbocharger air-handling to reach exceptional load acceptance performance, an innovative cooling fan which minimizes both fuel and power waste, and a high resistance cylinder-head that supports the high peak cylinder pressure needed to reach high power density.

Thanks to its innovative offering, the N67 250 kVA can deliver both **best-in-class load acceptance and fuel consumption**. Furthermore, the N67 can operate in the **most severe conditions**, in temperatures up to 57° (thanks to its compact tropical cooling package, which is available as an option).

Other options include the **switch-ability pack which allows for a range from 50 Hz to 60 Hz** depending on the customers' needs. Overall, the N67 – which is the most compact 250 kVA G-Drive on the market, can satisfy many demands, such as an **increase in power density**, and a **reduction in the Total Cost of Ownership**. FPT Industrial's N67 possesses many attractive features for end-users: simplifying customers' product line-ups, reducing product costs and maximizing efficiency.

N67 250 kVA Specifications

Displacement:	6.7 liters
Architecture:	6 cylinder
Net Power:	238 kW@1500 253@1800
Dimensions L / W / H (mm):	789 / 1318 / 1697

CURSOR 9 300 kVA



With an 8.7 liter displacement, the **Cursor 9 300 kVA** develops an increased power of up to 299 kW@50 Hz. This FPT Industrial engine presents many key features, including best-in-class characteristics. It has a **high power density** (16% more than the class segment average) and **best-in-class oil service intervals** up to 600 hours, 11% more than the average. A result which is enhanced by the fact that the Cursor 9 has a small oil system capacity - 28 liters - 10% less than the competition. This, together with a high performance Common Rail injection system, also delivers a lower Total Cost of Ownership.

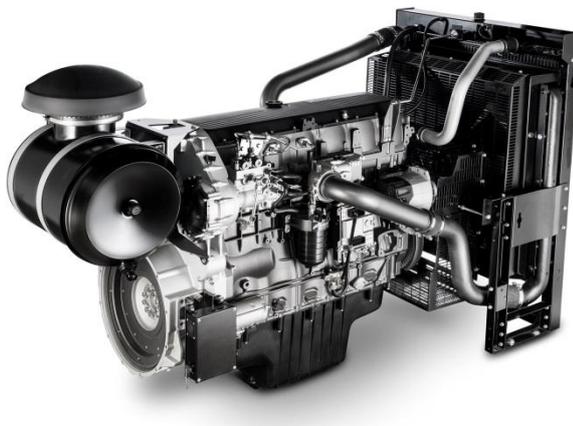
FPT Industrial's Cursor 9 G-Drive also has a **lean layout design** which improves component accessibility, ease of operation and minimal downtime during maintenance, thanks to the integration of almost all components. Furthermore, it has a **best-in-class width** (2% less than the competitors' average), which optimizes transportation costs and installation footprint, and an electronic interface box that allows customers to switch from 50 Hz to 60 Hz without any software updates or technical requirements.

CURSOR 9 300 kVA Specifications

Displacement:	8.7 liters
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Architecture:	6 cylinders
Net Power:	299 kW @ 1,500 rpm 333 @ 1,800 rpm
Dimensions L / W / H (mm):	2,100 / 1,050 / 1,385

CURSOR 16 600 kVA



Based on the **award-winning Cursor 16 engine** architecture, the Cursor 16 G-Drive provides up to **578 kW**, delivering the power of an 18-liter engine within the package of a 13-liter. Launched at the 2016 edition of Middle East Electricity, the Cursor 16 is a six-cylinder engine, known for reaching **best-in-class** results with **reduced fuel consumption, service intervals and noise**. This FPT Industrial engine is also the **most compact G-Drive on the market**, since it is 22% smaller than the 16-liter competitors' average and produces outstanding performance: the Cursor 16 **integrates a 600 kVA within the packaging of a 400 kVA**.

Moreover, this is the only 16-liter engine specifically designed to address off-road missions and has undergone over **22,000 hours of bench validation, thus proving its reliability and durability**. Its heavy duty components are **highly resistant** with steel pistons and a Compact Graphite Iron (CGI) cylinder head instead of traditional cast iron. The Cursor 16 has a best-in-class fuel consumption which also allows for a **lower Total Cost of Ownership**: this is made possible thanks to the second generation Common Rail fuel injection system with pressures up to 2,200 bar and a precise displacement approach.

These advantages are supported by **best-in-class maintenance service intervals** of up to 600 hours, while the **oil system capacity is the smallest on the market: 32% smaller than competitors' average**. Furthermore, another best-in-class feature is its **quiet running** owing

to the Cursor 16's double re-entrant bowl piston design, which optimizes the combustion process and minimizes the output of engine noise. Finally, the Cursor 16 engine also has a dual speed mode with the capacity to operate both at 50 Hz or 60 Hz.

CURSOR 16 600 kVA Specifications

Displacement:	15.9 liters
Architecture:	6 cylinder
Net Power:	557 kW@1500 578@1800
Dimensions L / W / H (mm):	2,362 / 1,163 / 1,605

AUGMENTED REALITY EXPERIENCE

On the FPT Industrial stand in Dubai, visitors can also experience Power Generation in a new way. **FPT Industrial Augmented Reality** is designed to allow everyone access to the FPT Industrial Stage V solution and all its features. The Augmented Reality enables customers to carry out a **real time check** on the feasibility of installing the FPT Industrial solution in their canopy and it also shows **the possible positioning of the ATS**, which consequently proves its easy installation. In order to do so, FPT Industrial Augmented Reality adds **2D or 3D elements to the live view** from the device's camera.. The Augmented Reality requires an iOS device with an A9 (or later) processor. It combines many technologies, such as device motion tracking, camera scene capture and advance scene processing. Visitors can use this device in the same way as they would video **games** or when deciding upon possible home **furniture layouts**.

FPT Industrial is a brand of CNH Industrial, dedicated to the design, production and sale of powertrains for on and off-road vehicles, marine and power generation applications. The company employs more than 8,000 people worldwide, in ten manufacturing plants and seven R&D Centres. The FPT Industrial sales network consists of 93 dealers and over 900 service centres in almost 100 countries. A wide product offering, including six engine ranges from 42 hp up to 1,006 hp, transmissions with maximum torque of 200 Nm up to 500 Nm, front and rear axles from 2 to 32 ton GAW (Gross Axle Weight). FPT Industrial offers the most complete Natural Gas engines line-up on the market for industrial applications, including engine ranges from 136 hp up to 460 hp. This extensive offer and a close focus on R&D activities make FPT Industrial a world leader in industrial powertrains. For further information, visit www.fptindustrial.com.

Media contact:

Fabio Lepore
FPT Industrial Press Office Global
Tel.: +39 011 007 6720
E-mail: press@fptindustrial.com

Azzurra Giorgi
FPT Industrial Press Office EMEA
Tel. +39 0110073464