The Driving Force Behind Power Generation

Cummins G-Drive Diesel and Gas Engines
Fully Integrated For Generator Applications
Cummins Diesel G-Drive engines help to keep the world on the move. A global leader in diesel engine manufacturing for over 90 years, our products deliver everything from prime power to standby systems for offices, data centres, telecoms, hospitals and a huge variety of other applications worldwide.

Built to deliver in every way
At Cummins Diesel G-Drive, we use constant product research and development to ensure our engines set the benchmark in our industry for efficiency, durability and low emissions. Our 2.5 to 78 litre range spans over 50 models at both 50 Hz and 60 Hz and is engineered to supply outstanding performance and reliability. Our innovative technology also means that many Cummins Diesel G-Drive engines already meet strict U.S. Environmental Protection Agency (EPA) and European Union (EU) emissions regulations, delivering the advantage of futureproof compliance.
Backed by global support

Our engines aren’t just about advanced Cummins engineering - they’re about Cummins global strength. Whether it’s for prime, standby or continuous power, we can provide unparalleled technical service, robust support and the assurance of fully comprehensive product warranties, all on a worldwide scale. In fact, it’s our presence in 190 countries that makes the process of matching the right generator, transfer and control technologies to your power needs as smooth and efficient as our G-Drive engines themselves.

CoolPac - total power packages

Many Cummins Diesel G-Drive engines are configured as CoolPac systems, with cooling systems and air-cleaner solutions built-in. They provide complete, pre-integrated power packages that speed OEMs’ introduction of new products - helping you supply proven, tested and cost-effective power solutions to your customers in optimal time.

CoolPac sets are available in everything from 2.5 to 60 litre diesel engine models and feature components specifically developed for generator set applications, including high ambient capable cooling systems that meet a diverse range of geographical requirements. The sets also incorporate sophisticated engine controls for consistent across-the-range interfacing and to help meet emissions strategies. Most CoolPac units comply with EPA and EU emissions regulations, giving you and your customers absolute reassurance.

CoolPac sets up to 220 kVA incorporate a fitted radiator while units over 220 kVA feature radiator kits for chassis mounting.
Driving Generators Across Every Application

Whatever the challenge, Cummins Diesel G-Drive rises to it. Our engines are driving generator sets in thousands of applications worldwide, providing high-performance, fuel-efficient and low-emissions solutions that meet EPA Tier 4, EU Stage IIIA and other air quality standards across the globe. And with a complete range of products available at both 50 Hz and 60 Hz, Cummins Diesel G-Drive offers critical added value to customers - engine models for every need delivered through a single supply chain.

- **Rental** Our engines meet customer needs for short- and long-term generator set rental applications, helping to provide reliable, low emission and cost-saving prime and continuous power even in the harshest and dustiest environments.

- **Prime** Our units supply sustained performance, emissions-compliance, fuel efficiency and unaided cold starts for a full range of prime power requirements, including those in the most challenging high altitude and high/low ambient conditions.

- **Standby** Along with our innovative CoolPac systems, our expertly designed and engineered engines are at work in specialised standby applications around the world - supplying maximum power density and constant uptime, all from compact packages.

- **Dynamic/Rotary UPS** Our G-Drive engines fulfil customers’ exact power output and transient response requirements in Uninterruptible Power Supply applications around the globe. In addition, they are compliant with NFPA 110 standards and reach full load acceptance within the required time.
- **Welding** Maximum power from a minimal footprint, the technology to meet regulatory requirements and provide permanent readiness for prime duty. Our robust engines offer fuel-efficient solutions that give today’s welding operators precisely what they need.

- **RTG Cranes** Dependable, efficient engines ready to spring into action whenever and wherever needed. Cummins Diesel G-Drive units provide the critical availability, proven endurance and low operational costs demanded by Rubber-Tired Gantry crane operations internationally.

- **Ground Power Units (GPUs)** Our engines deliver the long-term reliability, international emissions-compliance and low-noise capability today’s GPU operators need to keep aircraft flying on schedule worldwide.

- **Mining & Crushing** Mining customers count on their generator sets for high performance, excellent fuel economy and outstanding durability. Our engines deliver the features and benefits required, from unaided cold start capability to reduced fuel consumption, seamless emissions compliance and low total cost of ownership.

- **Telecoms** Today’s call centres, communications towers and other telecom operations demand hi-spec, cost-effective power with zero interruption. Our engines are designed to deliver, providing failsafe, economical power in a diverse range of locations, from small remote sites to large power-hungry installations, especially where mains power is unpredictable.

- **Oil & Gas** Our mechanical and electronically controlled diesel and gas engines supply the exceptional performance, emissions compliance, unassisted cold starts and fuel efficiency that keep even the most testing oil and gas sites working non-stop.

- **Lighting Towers** Industries demanding heavy lighting usage rely on our durable and compact engines as well as our cost-effective CoolPac systems to deliver maximum power density and the constant prime power they need.

- **Rail** Today’s rail operators depend on our high performance engines for the critical power, low-noise operation and space-saving footprint demanded by prime and continuous duty applications.

- **Movie Sites** Our G-Drive engines are at work on movie locations and sets worldwide, helping to deliver super-quiet, low-emission and high performance power from a minimal footprint and for low total cost of ownership.
Global service

Behind every Cummins Diesel G-Drive engine, there’s a world of support. From 550 distributors to 5,200 sales and service locations and 20 parts distribution centres, our network extends across the globe. Plus it’s all backed by instant online access to everything from parts information to product warranties.

Powerful backup

Our worldwide coverage and commitment means our customers can rely on us for a face-to-face service, rapid response support and the peace-of-mind of fully comprehensive product warranties. Our support capabilities include:

- Factory-trained technicians equipped with advanced diagnostic and repair tools
- Mobile QuickServe® and 24/7 back-up to deliver action plans within 30 minutes and dispatch technicians within four hours
- QuickServe Online resource for accessing parts and service information
- Smart tools including INSITE™ software for rapid diagnostics and troubleshooting
- Industry-leading product warranties

Genuine Cummins Parts

There’s a world of difference between Genuine Cummins New Parts and others - in design, materials and tolerances. That’s because we apply uncompromising standards to their production, ensuring they conform to exacting specifications and utilise only the best materials and technology. Add our intensive R&D, wide-ranging warranties and extended maintenance programs and every part promises to deliver guaranteed performance and longer life between overhauls. We also supply a range of warranted Genuine Cummins ReCon Parts, each one completely remanufactured to rigorous Cummins specifications.

Electronic service tool capability across the range

PGI Controls

Available on our QSB5/7, QSL9, QSK19, QSK38/50/60, QSX15 and QST30 engines, our Power Generation Interface (PGI) Electronic Control Modules (ECM) provide advanced engine protection, connectivity and faultfinding capability for more cost-effective control of your power generation.
Application assistance . . . a hot line with Cummins Application Engineer

Cummins and our Genset Original Equipment Manufacturer (GOEM) customers have a mutual interest in delivering the highest-quality products. Installation Quality Assurance (IQA) is intended to ensure that end user customers have rewarding experiences with their products.

IQA: an established Cummins quality assurance process was set up to ensure Cummins’ installation requirements are adequately met, and to ensure the quality of the mechanical / electronic interfaces between Cummins’ products and their related systems. Key objectives are to ensure the optimization of performance and equipment reliability and quality, while minimizing costs.

Our application engineers will work closely with you right from the product selection stage till final release, to understand your requirements and to tailor the products for your specific applications. Moreover, these value added services are complimentary.

INSITE™

Our PC-based INSITE tools reduce troubleshooting and procedural errors, getting your engines quickly running again. Available in Lite and Pro versions, the software lets you instantly access trip information, adjust parameters and review/clear fault data using easy-to-follow help features and wiring and sensor location diagrams. For more details, visit insite.cummins.com.

Engine Control Modules
We offer two advanced modules specifically designed for G-Drive engines:

On-engine integrated fuel & engine feature controls - providing:
- a simplified OEM interface with hardwired and electronic multiplexing capability
- an integrated engine sensor suite and harness
- certified operation with most genset controllers

Robust engine control software - incorporating:
- high-speed serial data communications for engine control, operational data and diagnostic messages
- OEM adaptability with service tool trims
- Engine torque and speed management with high-pressure common rail fuel injection
- Engine protection features to prevent overspeed, low oil pressure and high engine temperatures
- Extensive diagnostics and fault reporting, duty cycle mapping, trend logging and fault snapshot logs
- Service tool support via Cummins INSITE and InPower
Leading The Way In Low-emissions Technology

Our commitment to the environment has seen us develop advanced engine technologies that reduce emissions without sacrificing performance - led by our innovative Quantum system.

A pioneer in low-emission engines, we take a fresh approach to power generation, helping to protect the world for the future.

Meeting air quality standards
Whatever the power need or application - from rental power to ground power units and from mining to RTG cranes - we design our G-Drive engines to not just deliver exceptional performance but to help keep our air cleaner and our planet greener.

For over a decade we have pioneered the development of diesel engines that reduce pollutants like nitrogen oxides (NOx), hydrocarbons (HC) and particulate matter (PM), so ensuring our products conform to emissions limits set by the EPA and EU.

We are proud to be:

- leading the way with clean, fuel-efficient 10-468 kW engines, ready to meet EPA Tier 4 and EU Stage IIIA low-emissions standards
- the first manufacturer to have launched EU Stage IIIA-compliant generator-drive engines to Europe and introduced EPA Tier 2 and 3 generator-drive engines ahead of regulatory deadlines
- the only manufacturer to offer dual-speed generator-drive engines in the 63-330 kVA 50 Hz and 55-300 kWe 60 Hz class that are both EPA Tier 4 and EU Stage IIIA compliant at both speeds
- the leader in innovative emissions solutions that focus predominantly on in-cylinder design improvements to eliminate most NOx, HC and PM before they are formed.

Quantum technology
Our groundbreaking Quantum technology enables our G-Drive engines to operate with a common set of application and diagnostic software tools. This simplifies engineering installation and servicing for GOEMs and operators whilst enabling easier monitoring and analysis of engine performance, all helping to enhance power and ensure emissions requirements are constantly met.
Advanced electronic engine controls
Our state-of-the-art electronic sensors and microprocessor-based engine controls compensate for load, temperature, fuel energy content, barometric pressure and even engine wear, thus improving fuel efficiency and power output while cutting NOx and PM production.

Improved combustion chamber geometry
Using computer simulation of the combustion event, our engineers have altered the combustion chamber geometry in our G-Drive engines to enhance compression ratios and fuel and air mixing. The result is a significant drop in emissions and, through the lowering of piston temperatures and cylinder pressures, considerably reduced mechanical stress.

Enhanced FCD cast iron pistons
New Ferrous Cast Ductile (FCD) single-piece, cast iron pistons in our high-horsepower engines enable greater expansion and contraction during thermal cycles, boosting power cylinder durability by as much as 15%. Our Tier-compliant designs also use piston-cooling nozzles for a higher oil flow rate, a nitrided cylinder liner for reduced oil consumption and wear, plus a simplified valve train to minimise loading on crankshafts and gear train.

Optimised fuel injection systems
Our improved injection timing, injection pressure and nozzle design all enhance control of NOx and PM pollutants. In addition, our high-pressure common rail fuel system on our QSB5, QSB7 and QSL9 engines reduces noise and stress on engine parts for greater durability, while the modular common rail systems on our QSK19, QSK38, QSK50 and QSK60 models do much the same on our higher horsepower engines.

High-pressure common rail
Higher injection pressures from new fuel injection systems improve fuel atomisation, assist combustion chamber penetration for better cold starting and response to transient loads, and also enhance engine performance. Benefits include:
- Reduced noise and smoke
- Improved idle stability
- Better low-end torque
- Cleaner combustion

Our advanced in-cylinder combustion control offers the following advantages:
- Uses proven engine platforms with no displacement or base-engine changes
- Avoids complicated engineering such as exhaust gas recirculation (EGR) or major changes to turbocharging or cooling
- Tolerates high-sulphur fuel

Dual-speed engines
We are the only manufacturer to offer dual-speed diesel generator drive engines from 4.5 to 9 litres. Utilising advanced technology, these sophisticated engines provide assured compliance with the most stringent EPA Tier 4 and EU Stage IIIA standards at both 50 and 60 Hz, making them a cost-effective and versatile choice for rental and mobile applications.
Pick your Engine . . .
The Right Product Matters

50 Hz (1500 rpm) Product Range.

We guarantee we have a solution for you to match your power ratings. Whether you need standby / emergency, continuous or prime power, with our range of reliable, durable diesel engines, you can be rest assured there’s a G-Drive product to fit your application.

Equipped with a full portfolio of technology and product options we deliver effective power solutions to help keep the world on the move . . . this is what Cummins Diesel G-Drive Engines are all about.
The First Thing That Matters: Product / Market Fit

A comprehensive product Range to choose from. We’ve made it easy for you to select the right product for your customer.

60 Hz (1800 rpm) Product Range.

Broadest product Line–up with a reputation for excellence and an unrivalled global support network. Our comprehensive power ratings overlap across engine displacements so you can choose exactly the right fit for your application.

With our 50/60 Hz product range, you also have the choice between a bare engine (Stanfast) or a bare Engine with Cooling and Intake Air Handling system (CoolPac).
Diesel G-Drive Engines For All Applications

Covering everything from 10 to 2500 kVA at 50 Hz and 18 to 2200 kWe at 60 Hz, the Cummins Diesel G-Drive range offers the broadest product line-up in the world along with the power ratings to match. What’s more, our family of engines features products for virtually every need and location, from Ultra Low Emissions Regulated models compliant with US EPA Tier 4 to emissionised Regulated units and robust Unregulated engines - many in pre-assembled CoolPac sets. With this unparalleled strength and versatility, it’s no wonder Cummins Diesel G-Drive engines power more types of equipment in more markets than any other make of engine.
Ultra Low Emissions Regulated

**B-Series** 36-40 kWe 60 Hz

**Small engine - big possibilities**

Small, lightweight and economical, this B-Series engine includes direct fuel injection for cleaner, quieter, more fuel-efficient performance and offers exceptional value in installation, simplicity and servicing, with valve clearance checks not required until 2,000 hours – twice the industry standard. It performs well under severe duty cycles and offers excellent fuel consumption, substantial cooling capability, low noise, low weight, and high power output per litre - all contributing to world-class reliability.

**QSB5/QSB7** 160-220 kVA 50 Hz / 54-200 kWe 60 Hz

**Powerful performers**

With greater engine manipulation capabilities, the QSB-Series is one of the cleanest on the market, meeting EPA Tier 4 at 1800rpm. These Quantum system engines feature a common rail fuel system and combine proven full-authority electronic controls with powerful performance even in the most demanding applications.

**QSL9** 275-300 kVA 50 Hz / 250-275 kWe 60 Hz

**Power with intelligence**

Offering outstanding power performance, this low emission model handles the toughest conditions, delivering greater fuel economy, better cold starting capability and lower operational noise. Features include a High-Pressure Common Rail (HPCR) fuel system for strong performance, full-authority electronic control for precise engine manipulation and a low-maintenance filter assembly to minimise downtime.

**QSX15** 350-550 kVA 50 Hz / 318-500 kWe 60 Hz

**A revolution in diesel power generation**

Providing uncompromising power coupled with ultra low emissions in a compact package, the QSX15-Series is the first heavy-duty diesel engine with 24-valve dual overhead camshaft technology. Using 30% fewer parts than comparable diesels, it is engineered to eliminate external lube, coolant and fuel lines for higher reliability at high power output. Ideal for open and enclosed applications in static or portable equipment, it can be matched to meet the specific duty cycle and operating conditions of any generator set.

Visit [www.cumminsdrive.com](http://www.cumminsdrive.com) for more information.
Diesel G-Drive Engine Product Range

**X-Series** 25-36 kVA 50 Hz

**2.5/3.3 litre** 3/4 cylinder

**Quiet, durable and efficient**

Compact, light and economical, our X-Series engines offer the lasting strength and durability that are hallmarks of the G-Drive range. As well as a high degree of installation flexibility, each engine has direct fuel injection for cleaner, quieter and more fuel-efficient operation. All encased in a highly compact envelope with ultra-low heat-rejection.

**S-Series** 40-66 kVA 50 Hz

**3.8 litre** 4 cylinder

**Economic reliability**

The S-Series is efficient, economic, reliable and is the latest addition to our family of light gensets. This series combines outstanding value and flexibility with G-Drive performance. The engine features a 12V electrical system, with CoolPac engine, mounted heavy duty air filter and 50 degrees Celsius radiator as standard.

**6B** 100-170 kVA (50 Hz) / 91-135 kWe 60 Hz

**Small engines - big possibilities**

Small, light and economical, our B-Series engines include a direct fuel injection for a cleaner, quieter, more fuel-efficient performance and offer outstanding value in terms of installation, simplicity and servicing. Have fewer parts leading to lower maintenance cost.

Most versatile engine, have established an unrivalled reputation for reliability.

All the engines in this series perform well under severe duty cycles and offer competitive fuel economy, substantial cooling capability, low noise, and low weight, for first class reliability.

**QSB5/QSB7** 60-220 kVA 50 Hz / 55-200 kWe 60 Hz

**4.5/6.7 litre** 4/6 cylinder

**High-performance powerhouses**

Built to ensure high quality power in the most challenging conditions, the QSB-Series includes features such as a common rail fuel system for greater fuel efficiency, less noise and lower emissions that meet EPA Tier 3/ EU Stage IIIA at 1500rpm and 1800rpm. Additional features include proven, full-authority electronic controls that optimise performance whilst delivering critical data to help control costs and reduce maintenance.

Visit [www.cumminsingdrive.com](http://www.cumminsingdrive.com) for more information.
**6C 182-220 kVA 50 Hz / 160-200 kWe 60 Hz**

**Proven durability and reliability**

One of the most successful, with thousands of engines in use around the globe.

The ‘C’ series, 6 cylinder inline configuration engines with ‘Unitized’ block design are developed to deliver excellent reliability and durability.

In-line fuel pumps and higher injection pressures help the C8.3 get more energy out of every drop of fuel, with less waste.

This combined with high power to weight ratio and small footprints makes ‘C’ series engine powered gensets the obvious choice for mission critical power.

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**NT855 320-400 kVA 50 Hz / 260-353 kWe 60 Hz**

**Premium performance**

From a series that is service-proven through millions of hours of operation in some of the world’s most demanding applications, the NT855 has been engineered to handle higher injection pressures, with redesigned overhead arrangement, pistons, crankshaft and camshaft.

A gear train with high contact ratio spur gears also eliminates unwanted thrust loads and reduces noise.

In line with the rest of the NT family, wide-ranging benefits including fuel efficiency, low oil consumption, reliable long life, high power and durability.

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**QSL9 225-330 kVA 50 Hz / 210-300 kWe 60 Hz**

**Robust power with advanced diagnostics**

Designed for heavy-duty performance, our robust QSL9-Series offers enhanced fuel efficiency, quieter operation and efficient cold starting capability. In addition, the engines feature full-authority electronic controls for advanced diagnostics and programming plus a low-maintenance filter assembly for reduced downtime. As well as meeting EPA Tier 3/ EU Stage IIIA emissions standards at 1500rpm and 1800rpm, the QSL engine platform will continue to be carried through to Tier 4i through 2015.

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**QSX15 350-550 kVA 50 Hz / 318-500 kWe 60 Hz**

**A new era in diesel power generation**

The first heavy-duty diesel engine using 24-valve dual overhead camshaft technology, the QSX15-Series has an impressive 30% fewer parts than comparable diesels and boasts a design that eliminates external lube, coolant and fuel lines for greater reliability at high power output. Robust, clean, resilient and capable of matching the duty cycle and operating conditions of any application, the engines are ideally suited for both open and enclosed applications in either static or mobile equipment.

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visit [www.cumminsengrave.com](http://www.cumminsengrave.com) for more information.
Diesel G-Drive Product Range

QSK19 600-715 kVA 50 Hz / 500-600 kWe 60 Hz 19 litre 6 cylinder

Power efficiency for every application

Our first diesel engine to be 650 kVA capable in only six cylinders, the QSK19 is one of the most efficient ever in terms of power per displacement. Available with Cummins proven Quantum technology and dual frequency, it meets both EPA T2 and 2gTAL emissions standards, making it a totally programmable, fuel-efficient and resilient power solution for most applications.

VTA28 636-700 kVA 50 Hz / 545-600 kWe 60 Hz 28 litre V12 cylinder

Cost effective power

The product of years of technical development and improvement, the VTA28-Series is recognised globally for its performance under even the most severe climatic conditions, and widely acknowledged as the most robust and cost effective diesel engine in its power range.

Key design features include two large capacity aftercoolers for more efficient combustion, dual camshafts for precise control valve and injector timing, a cooling system boasting a more even flow of coolant around the cylinder liners, valves and injectors, and Cummins PT self-adjusting fuel system for overspeed protection independent of the main governor.

Note: VTA28-G5 engine specifications are unique for either 1500rpm (50Hz) or 1800rpm (60Hz) operation.

QSK23 660-900 kVA 50 Hz / 591-800 kWe 60 Hz 23 litre 6 cylinder

High performance for tough applications

The QSK23-Series is designed to meet present and future competitive pressures and worldwide emissions regulations while delivering high fuel economy and high power density. Its inline, six-cylinder configuration – unusual for this high power output – offers a narrower, shorter installation, easier access and the benefit of fewer parts, making it inherently more reliable and extending its expected life cycle to 20,000 hours before first overhaul.

QST30 910-1000 kWe 60 Hz 30 litre V12 cylinder

Proven performance 24/7

Sophisticated electronics and premium engineering give this QST30 Quantum series engine outstanding performance levels, delivering more power and torque in a smaller, cleaner package than many competitors. Setting the standard for rugged, dependable power, the engine uses Ductile Iron pistons to provide the improved strength and durability to handle increased cylinder pressure, ensuring longer life cycles to overhaul.

visit www.cumminsdrive.com for more information.
KTA38/KTA50 910-1675 kVA 50 Hz / 1135-1500 kWe 60 Hz  **38/50 litre**  V12/16 cylinder

**Premium high performance power**

Maintaining their outstanding reputation for high performance power even in the harshest conditions, the latest KTA range is jacket water aftercooled with a 2-pump, 2-loop cooling system design. Its inbuilt step timing control system ensures optimum engine timing at all combinations of load and ambient temperature, improving cold starting and reducing light load fuel consumption to greatly enhance engine efficiency.

QSK38 1000-1400 kVA 50 Hz / 965-1250 kWe 60 Hz  **38 litre**  V12 cylinder

**Premium engineering for exceptional performance**

Reliable, versatile, efficient - our QSK38 series utilise premium engineering for exceptional performance. The Quantum engines are equipped with a high pressure fuel pump, Modular Common Rail Fuel System (MCRS) and state-of-the-art electronic controls for superior efficiency and diagnostics. This is coupled with durable, 2-pump, 2-loop Low Temperature Aftercooling (LTA) and highly efficient turbo-charging for lower emissions and fuel consumption.

QSK50 1275-1825 kVA 50 Hz / 1135-1600 kWe 60 Hz  **50 litre**  V16 cylinder

**Controlled high performance power**

This series uses our state-of-the-art Quantum system to provide advanced engine manipulation and an enhanced electronic feature set. The configuration also includes new injectors, pistons, turbos, valve covers and a 2-pump, 2-loop Low Temperature Aftercooling (LTA) system to meet EPA Tier 2 mobile off-highway emission levels, making the QSK50 one of the cleanest engines in its class.

QSK60 1700-2250 kVA 50 Hz / 1700-2200 kWe 60 Hz  **60 litre**  V16 cylinder

**Superior performance and durability**

Combining sophisticated electronics with advanced engineering, this series takes power generation to the next level. The product of extensive research and development, its advanced combustion techniques ensure stringent EU and EPA-MOH emissions requirements are met and operation is virtually smoke-free. Specifically designed for extended life - achieving over 20,000 hours operation before overhaul - the new component configuration sets a new benchmark for low cost operation.

visit [www.cummins𝑔𝑑r𝑖𝑣𝑒.co𝑚](http://www.cummins𝑔𝑑r𝑖𝑣𝑒.co𝑚) for more information.
Reliability and Dependability You Can Count On:

Power generation applications require reliability and durability not found in other small natural gas engines. Not only does Cummins natural gas engines deliver ultimate dependability backed up by a dedicated global support network, they also use the same heavy-duty components found in the world renowned Cummins diesel engines. So when you need a natural gas engine that delivers exceptional reliability, low cost of operation and reduced maintenance costs – there’s only one choice. Cummins natural gas engines.

Markets/ Customers we serve…
The unrivalled capability of Cummins natural gas engines is clearly illustrated by the many diverse industry sectors it’s not just used in but is also an integral part of.

Selection of industry sectors:
- Airports
- Commercial properties
- Data centres
- Education
- Heath care and Hospitals
- Manufacturing facilities
- Oil and Gas exploration
- Processing plants
- Rental fleets
- Residential
- Retail
- Telecommunications infrastructure

….. so whatever your application need, Cummins natural gas engines can provide the solution.
### G/GTA5.9L 57 - 137 hp/51 - 95 kWm 5.9 litre

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<tr>
<th>Engine Model</th>
<th>Fuel Type</th>
<th>Fuel Rating</th>
<th>Frequency</th>
<th>Standby rpm</th>
<th>Standby hz</th>
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### G/GTA8.3L 73 - 271 hp/54-202 kWm 8.3 litre

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### G/GTA/GE 14L 133 - 383 hp/117-286 kWm 14 litre

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- Lean Burn
**KTA 19L 530 hp/395 kWm**

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<th>Frequency hertz</th>
<th>Standby hp</th>
<th>Standby kWm</th>
<th>Continuous hp</th>
<th>Continuous kWm</th>
<th>Burn Technology</th>
<th>Emissions Compliance</th>
</tr>
</thead>
<tbody>
<tr>
<td>KTA19</td>
<td>Natural Gas</td>
<td>4538</td>
<td>1800</td>
<td>60</td>
<td>530</td>
<td>395</td>
<td>-</td>
<td>-</td>
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<td>EPA NSPS Certified</td>
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**GTA 28L 477-738 hp/356-550 kWm**

<table>
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<tr>
<th>Engine Model</th>
<th>Fuel Type</th>
<th>Fuel Rating</th>
<th>Frequency rpm</th>
<th>Frequency hertz</th>
<th>Standby hp</th>
<th>Standby kWm</th>
<th>Continuous hp</th>
<th>Continuous kWm</th>
<th>Burn Technology</th>
<th>Emissions Compliance</th>
</tr>
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<tbody>
<tr>
<td>GTA28</td>
<td>Natural Gas</td>
<td>995060</td>
<td>1800</td>
<td>60</td>
<td>701</td>
<td>523</td>
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<td>-</td>
<td>Stoichiometric</td>
<td>EPA NSPS Compliant Capable</td>
</tr>
<tr>
<td>GTA28</td>
<td>Natural Gas</td>
<td>995061*</td>
<td>1800</td>
<td>60</td>
<td>701</td>
<td>523</td>
<td>-</td>
<td>-</td>
<td>Stoichiometric</td>
<td>EPA NSPS Compliant Capable</td>
</tr>
</tbody>
</table>

**GTA 38L 673-1045 hp/502-779 kWm**

<table>
<thead>
<tr>
<th>Engine Model</th>
<th>Fuel Type</th>
<th>Fuel Rating</th>
<th>Frequency rpm</th>
<th>Frequency hertz</th>
<th>Standby hp</th>
<th>Standby kWm</th>
<th>Continuous hp</th>
<th>Continuous kWm</th>
<th>Burn Technology</th>
<th>Emissions Compliance</th>
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<td>GTA38</td>
<td>Natural Gas</td>
<td>996117</td>
<td>1800</td>
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<tr>
<td>GTA38</td>
<td>Natural Gas</td>
<td>996033</td>
<td>1800</td>
<td>60</td>
<td>803</td>
<td>599</td>
<td>-</td>
<td>-</td>
<td>Stoichiometric</td>
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**GTA 50L 859-1334 hp/641-995 kWm**

<table>
<thead>
<tr>
<th>Engine Model</th>
<th>Fuel Type</th>
<th>Fuel Rating</th>
<th>Frequency rpm</th>
<th>Frequency hertz</th>
<th>Standby hp</th>
<th>Standby kWm</th>
<th>Continuous hp</th>
<th>Continuous kWm</th>
<th>Burn Technology</th>
<th>Emissions Compliance</th>
</tr>
</thead>
<tbody>
<tr>
<td>GTA50</td>
<td>Natural Gas</td>
<td>996090</td>
<td>1800</td>
<td>60</td>
<td>1098</td>
<td>819</td>
<td>-</td>
<td>-</td>
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<td>EPA NSPS Compliant Capable</td>
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<tr>
<td>GTA50</td>
<td>Natural Gas</td>
<td>996079</td>
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<td>1035</td>
<td>772</td>
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<td>-</td>
<td>Stoichiometric</td>
<td>EPA NSPS Compliant Capable</td>
</tr>
</tbody>
</table>

Notes:

Fuel Ratings with (*) are also available with Propane capability.

Rating data represents gross engine capabilities obtained and corrected in accordance with SAE J1995 and ISO 3046 conditions of 29.61 in Hg (100 kPa) barometric pressure (500 ft [152m] altitude), 77 °F (25 °C) inlet air temperature and 0.30 in Hg (1 kPa) water vapor pressure using dry processed natural gas fuel with 1035 BTU per standard cubic foot (38.56 kJ/l) lower heating value. However, when ambient and/or installed conditions vary from these conditions, performance characteristics can be expected to vary accordingly. Deration may be required due to altitude, temperature and type of fuel. Consult Sales Application Engineering for operation in conditions that vary from these conditions.
Cummins Gas G-Drive engines are at work around the world, helping provide prime, standby and continuous power to a huge range of applications - all backed by Cummins global network.

Our gas engines provide reliable power solutions to thousands of generator set applications around the world, making Cummins Gas G-Drive one of the most globally trusted brands in power generation today.

The worldwide presence of our engines is matched by Cummins manufacturing reach. A pan-global network of manufacturing centers is strategically located across the UK, USA, South America, Europe, the Far East and Asia. It includes 4 centres that design and produce our innovative CoolPac systems.

Our international coverage means we’ll be there wherever you need us, providing you with face-to-face partnerships on the ground and full service, supply and support on a global scale.
<table>
<thead>
<tr>
<th>Engine</th>
<th>CoolPac Supplier</th>
<th>Engine Plant</th>
</tr>
</thead>
<tbody>
<tr>
<td>X1.3/2.5/3.3</td>
<td>Cummins Power Generation, India</td>
<td>Cummins India Ltd, India</td>
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<tr>
<td>S3.8</td>
<td>Cummins Power Generation, India</td>
<td>Cummins India Ltd, India</td>
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<tr>
<td>6B5.9</td>
<td>Cummins Power Generation, India</td>
<td>Cummins India Ltd, India</td>
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<tr>
<td>6C8.3</td>
<td>Darlington Engine Plant, UK</td>
<td>Darlington, UK</td>
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<tr>
<td>QSB5/7</td>
<td>Cummins Power Generation, UK</td>
<td>Darlington, UK and Rocky Mount, USA</td>
</tr>
<tr>
<td>QSL9</td>
<td>Cummins Power Generation, UK</td>
<td>Darlington, UK and Rocky Mount, USA</td>
</tr>
<tr>
<td>NT855</td>
<td>Cummins Power Generation, India</td>
<td>Cummins India Ltd, India</td>
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<td>QSX15</td>
<td>Cummins Power Generation, UK</td>
<td>Jamestown Engine Plant, USA</td>
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<td>QSK19</td>
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<td>Seymour Engine Plant, USA</td>
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<tr>
<td>QSK23</td>
<td>Cummins Power Generation, UK</td>
<td>Cummins Technologies India Ltd, India</td>
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<tr>
<td>VTA28</td>
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<td>QST30</td>
<td>Cummins Power Generation, UK</td>
<td>Cummins Komatsu Engine Co, USA</td>
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<tr>
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</tr>
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<td>Daventry Engine Plant, UK</td>
</tr>
<tr>
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<td>Cummins India Ltd, India</td>
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<tr>
<td>QSK50/60</td>
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<td>Daventry Engine Plant, UK</td>
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<tr>
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<tr>
<td>G/GTA 8.3L</td>
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<td>Cummins Natural Gas Engine Plant, Clovis, USA</td>
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