

GTA855E

**ROBUST PERFORMANCE,
FUEL FLEXIBLE ENGINE**



**FOR
A WORLD
THAT'S
ALWAYS ON™**

BEST-IN-CLASS PERFORMANCE AND HIGH RELIABILITY

Maintain reliable performance, achieve emissions compliance, and minimize maintenance costs with the GTA855E engine. The latest addition to our G-Drive portfolio, it features a compact inline six-cylinder package for ease of integration.

Engineered for high power density with transient and steady-state performance capable of meeting ISO 8528-5 G2, the Cummins GTA855E engine boasts superior capabilities. High-quality construction extends service intervals to 750 hours.

The F.W. Murphy® EICS® (Engine Integrated Control System) incorporates sensors and an advanced module to optimize ignition, air-fuel ratio and speed.

RUGGED CONSTRUCTION FOR THE MOST DEMANDING APPLICATIONS

Expertly crafted to power a world that's always on, the GTA855E is based on the same trusted Cummins engine platform that's been proven in harsh industrial applications. And it's backed by our unmatched technical support and after-sales service.

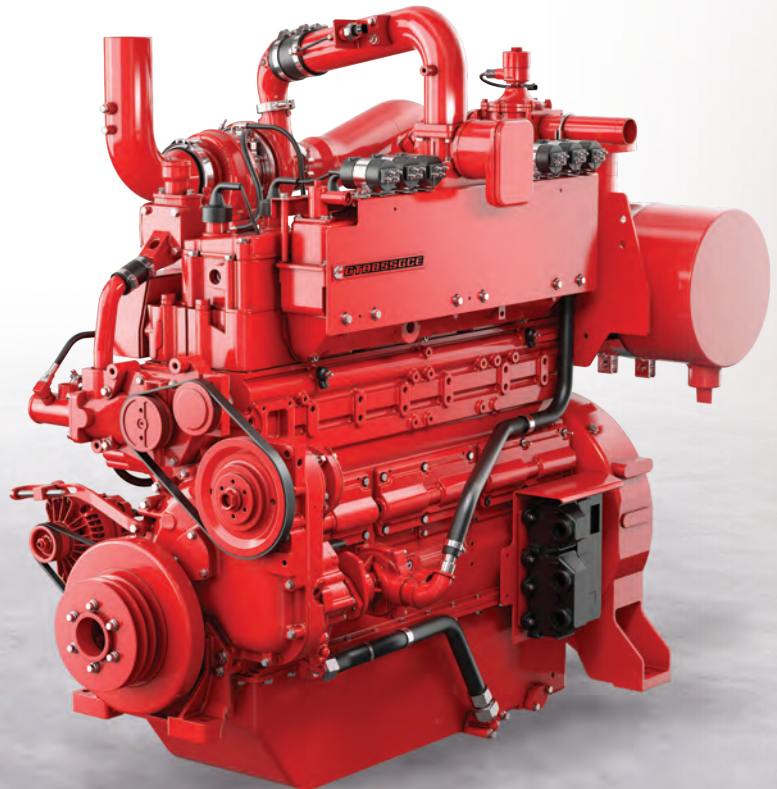
Industries and Applications

Oil and gas

Demand response

Mobile power

Microgrid



GTA855E

CUSTOMER BENEFITS



Inline Six-Cylinder Engine

- Tough and durable design proven in harsh industrial applications
- Fewer serviceable parts reduce operating costs



F.W. Murphy Engine Integrated Control System (EICS)

- Industry-leading knock sensing and control
- Robust engine control system with superior governing performance
- Advanced telematics and diagnostics capabilities for improved uptime
- CAN bus J1939 for easy integration



Advanced Ignition System

- Built-in comprehensive diagnostics design to extend service intervals



24V Electric System

- Greater cranking power to quickly get generators to accept load



Wide Range of Fuel Capabilities

- Capable of operating on pipeline natural gas, propane gas and a wide range of wellhead gas-quality fuel
- Provide uninterrupted power through fuel composition variations



Heavy-Duty Air Intake System

- Durable design to minimize operating costs



Optional Oil Level Regulator

- Eliminates costly frequent oil checking and filling
- Maintains optimum engine oil level and prevents engine failure caused by improper lubrication



Turbocharged and Aftercooled

- Optimized turbocharger and aftercooler provide best-in-class performance in high-altitude and high-ambient temperature conditions



Operating Cost

- Single three-way catalyst
- Extended service intervals (750 hours)



ENGINE RATINGS

Gross Engine Power			Typical Generator Set Power Output			
Engine Model	Prime (PRP) Natural Gas	Prime (PRP) Propane	Prime (PRP) Natural Gas		Prime (PRP) Propane	
	BHP/KWm		kWe	kVA	kWe	kVA
GTA855E	383/286	256/191	250	313	175	220

* The genset output shown is an estimation on typical parasitic loads. Consult your local application engineer for engine selection support and actual OEM genset power output calculation.

- Engine type Inline six-cylinder
- Displacement 14.0 L
- Bore x stroke 140 mm x 152 mm
- Advertised power 383 hp (286 kWm)
- Aspiration Turbocharged and aftercooled
- Voltage 24V
- Controls F.W. Murphy EICS®
- Aftertreatment Single 13-in F.W. Murphy three-way catalyst
- Certifications EPA, NSPS and MOH
- Fuel types Natural gas, propane, wellhead gas
- Combustion Stoichiometric

For more information on the complete line of engine solutions within the G-Drive portfolio, visit www.cummins.com/g-drive-engines.



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