



Cummins Power For Oil And Gas Drilling.





Cummins Drilling Solutions.

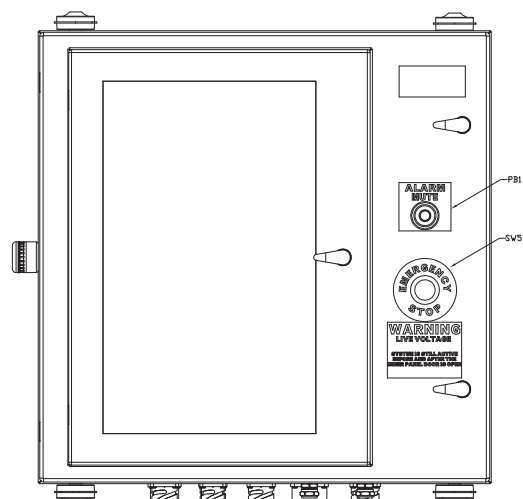
Cummins delivers the complete package of products, services and support to meet all your drilling equipment needs. From loose engines and power units for mechanical rig power to land and offshore drilling power modules, you won't find a stronger, more dependable product lineup. We offer engines ranging from 185 hp to 2700 hp (138-2013 kW) to power your customized drilling, hoisting and pumping applications.

Customized Solutions From A Single Source.

The key to Cummins durability in the field is our focus on developing proven products designed specifically for drilling applications. Our drilling power modules are designed, manufactured and validated at the Cummins Center of Excellence (COE) using Cummins-manufactured engines, alternators, turbochargers and filtration and emissions solutions components. To meet the unique needs of drilling customers, the COE utilizes rapid-response engineering, with our drilling power modules validated by a battery of tests that ensure that customer needs are met with a dependable, reliable product – all backed by a standard Cummins factory warranty and supported through our global network of service providers. All of this makes Cummins unique in providing drilling customers with a true single-source supplier.

PowerCommand® Control System.

The PowerCommand Control System is a microprocessor-based genset monitoring, metering and control system designed to meet the demands of today's engine-driven gensets. The systems have been designed and tested to meet the drilling environments in which gensets are typically applied. The PowerCommand Control System is compatible with shunt or Permanent Magnet Generator (PMG) excitation style. It is suitable for users with reconnectable or non-reconnectable generators, and can be configured for any frequency, voltage and power connection.





World-Class Customer Support. Worldwide.

The strength of our established global support network allows us to be exceptionally responsive to your needs. The Cummins network spans the globe, providing all the support you need, with over 600 distributor service locations in over 160 countries working around the clock to meet your immediate needs for parts and service over the life of your equipment. Every location maintains a full parts inventory, including critical parts. If a piece of Cummins-powered equipment needs attention, one call to Mobile QuickServe® will result in an action plan within 30 minutes, and a technician dispatched within four hours. Technicians arrive equipped with smart tools such as INSITE™ software for rapid diagnostics and troubleshooting.

Technical Assistance Just A Click Away.

Technicians (ours and yours) have 24/7 access to QuickServe® Online (quickserve.cummins.com), which provides engine data and access to service resources for global support on all oil and gas drilling projects.



Unsurpassed Warranty Coverage.

With Cummins, your gas compression equipment is covered by the most comprehensive warranty in the business – from factory-supplied components to items manufactured by outside vendors.



Every Question, Answered.

Cummins has the dependable power you need from drilling equipment, with increased uptime and greater productivity. Most important, our presence and support worldwide make Cummins a proven, committed oil and gas partner that you can always depend on. For additional details, visit cumminsenines.com or contact your local Cummins distributor.

Mechanical Drilling Engines

ENGINE MODEL	RATING		CONFIG.	DISPLACEMENT (L)	WEIGHT ⁽⁴⁾		EMISSIONS ^(5,6)	AFTERTREATMENT
	(BHP) ⁽¹⁾	(KWM)			(LB)	(KG)		
QSG12	320-500	239-373	I-6	11.9	2,798	1,269	U.S. EPA Tier 4 Final	DPF/SCR
QSX15	400-600	298-448	I-6	14.9	3,166	1,436	U.S. EPA Tier 4 Final	DPF/SCR
QSK19	506-800	377-597	I-6	19	4,535	2,057	U.S. EPA Tier 4 Interim	–
QSK23	760-950	567-709	I-6	23	6,001	2,722	U.S. EPA Tier 4 Interim	–
QST30	850-1500	634-1119	V-12	30.5	7,337	3,328	U.S. EPA Tier 4 Interim	–
QSK38	920-1260	686-939	V-12	37.8	9,039	4,100	U.S. EPA Tier 4 Interim	–
QSK50	1350-2500	1007-1865	V-16	50.3	12,566	5,700	U.S. EPA Tier 4 Interim	–
QSK60	1782-3000	1329-2237	V-16	60	21,206	9,619	U.S. EPA Tier 4 Interim	–

Land-Based Oil Field Generator Sets

ENGINE MODEL	(BHP) ⁽¹⁾	RATING		SPEED (RPM)	FREQUENCY (Hz)	VOLTAGE (V)	EMISSIONS ^(5,6)	AFTERTREATMENT
		(KWE) ^(2,3)	(KVA) ^(2,3)					
QXS15	454-620	322-439	400-540	1500/1800	50/60	400/480	U.S. EPA Tier 4 Final	DPF/SCR
QSK19	715-815	507-578	634-697	1500/1800	50/60	400/480	U.S. EPA Tier 4 Interim	–

Land-Based Drilling Power Modules

ENGINE MODEL	(BHP) ⁽¹⁾	RATING		SPEED (RPM)	FREQUENCY (Hz)	VOLTAGE (V)	EMISSIONS ^(5,6)	AFTERTREATMENT
		(KWE) ^(2,3)	(KVA) ^(2,3)					
QSK23	770-1085	546-769	683-931	1500/1800	50/60	380/600	U.S. EPA Tier 4 Interim	–
QST30	850-1350	602-957	753-1134	1500/1800	50/60	380/600	U.S. EPA Tier 4 Interim	–
QSK38	1034	772	965	1200	60	600/690	U.S. EPA Tier 4 Interim	–
KTA50	1470	1096	1370	1200	60	600/690	Noncertified	–
KTA50	1750	1306	1633	1500	50	600/690	Noncertified	–
QSK50	1480	1104	1380	1200	60	600/690	U.S. EPA Tier 4 Interim	–

(1) Other ratings may be available. Some ratings may be restricted and require approval for use. Please contact your distributor.

(2) Prime power ratings with 10% overload. This power rating conforms to ISO 8528 guidelines.

(3) kWe reflects the approximate amount of electrical power available when used in genset configuration. Some ratings may be preliminary. Please contact your distributor.

(4) Wet weight with standard features. May vary based on selected configuration.

(5) Noncertified ratings are also available. Please contact your distributor.

(6) Engines >751 hp will comply with EPA Nonroad Tier 4 Interim requirements using Transitional Program for Equipment Manufacturers (TPEM). No European emissions regulations for engines >751 hp.

(7) Emergency gensets are exempt from IMO emissions legislation. Engines <130 kW do not require IMO certification.



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