



2000kW Rental Package



Features

Cummins® Power Generation Sets

- Cummins engines, Newage Alternators and PowerCommand Controls - Designed, built, certified prototype tested and warranted by the only company that controls the process from start to finish.
- Supported exclusively worldwide by your Cummins Distributors.
- Utilize proven standard generator set designs.
- Includes jacket water heaters for more reliable operation in emergency standby applications.

Cummins Diesel Engines

- Lightweight, compact and excellent fuel economy.
- Operate at up to 45°C (113°F) with no effect on output.
- Equipped with Heavy Duty Air Cleaners and Bypass-type Oil Filters. Includes jacket water heaters for more reliable operation in emergency standby applications.

Newage® Alternators

- Designed and built by Cummins Power Generation.
- Oversized alternators for improved motor starting and low temperature rise in prime and continuous applications.
- Permanent Magnet excitation for improved performance in cyclic and non-linear load applications.

PowerCommand® Paralleling Controls

- The most advanced, reliable and capable generator set control system available in the market today.
- Integrated generator set governing, voltage regulation, protection and paralleling functionality in one easy-to-operate customer interface.
- Multiple unit and grid paralleling ready.
- Fully automatic paralleling capability.
- Remote monitoring and networking operation capable.
- Integrated Ground Fault Indication.
- Optional freestanding, electronically operated closed-transition transfer switches are available.

Cummins Cooling System

- Optimized for maximum efficiency and minimum noise.
- Propylene glycol coolant for greater environmental protection.

Custom Switchgear

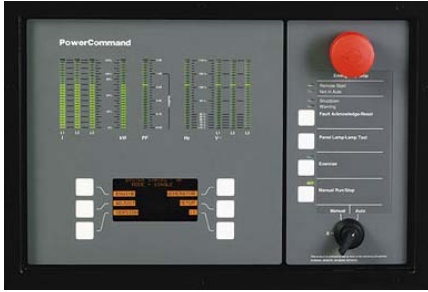
- Designed and built to meet severe customer requirements.
- Equipped for total remote automatic monitoring and control for stand alone, paralleling or emergency standby applications.
- Easy connection to existing installations using lugs or installed Cam-Lok® connectors.
- 2-unit parallel capability using installed switchgear, allowing 100% redundancy or increased capacity. (Optional)
- 5-cycle closure, motor-operated circuit breaker for automatic paralleling.
- Convenient Shore Power connection provides power to interior lighting, jacket water heaters, battery charger and alternator anti-condensation space heaters allowing quick starts even in arduous applications.
- Easy connection to PowerCommand PLTR switchgear providing fully featured microprocessor based power transfer capability.

ISO Container Enclosure

- Purpose built 40-foot High Cube ISO container.
- Easy-to-transport.
- Optimal unit protection with minimum size.
- Optimized fuel capacity with UL142 listed/NFPA30 compliant fuel tank.
- Fluid containment design for greater environmental protection.
- Sound attenuated to minimize impact on the local environment.
- Vertical cooling air and engine exhaust path to minimize sound level adjacent to the container.
- Equipped with 120VAC and 24VDC lighting.

Running Gear

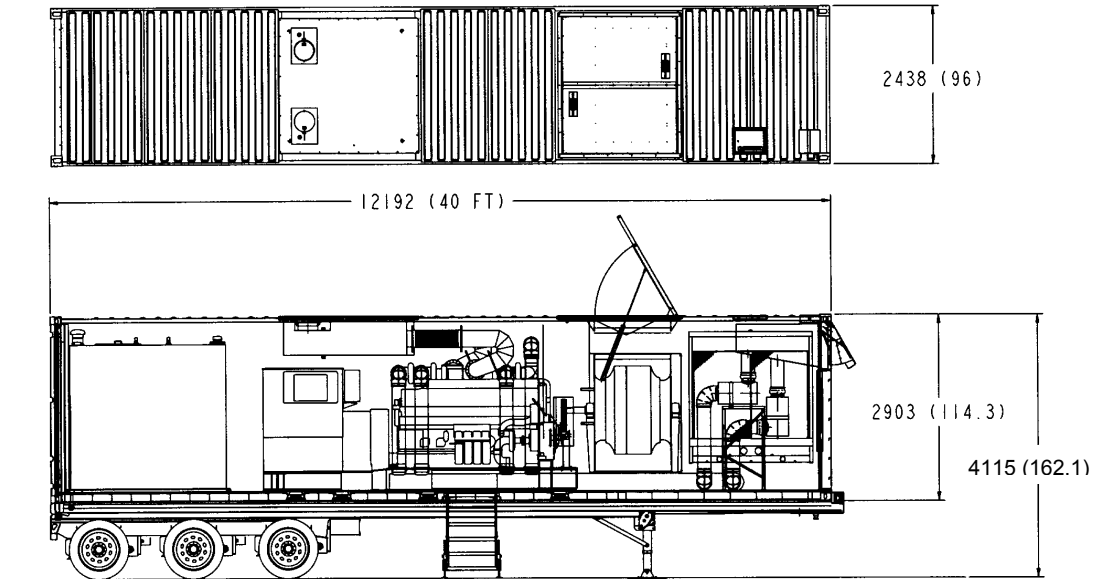
- 40-foot triple axle chassis.
- Air Ride suspension equipped for the softest ride in the industry.
- Anti-Lock Brake System.
- 200,000 pound (static load) landing gear.



PowerCommand® Digital Generator Set Control	
Operator Panel Features	
<ul style="list-style-type: none"> Emergency stop switch Indicating lamps for remote start, Not In Auto, common shutdown, and common warning Fault reset switch Panel lamp/lamp test switch Exercise switch and indicating lamp Manual run/stop switch Off/Manual/Auto mode select switch Graphical display panel with pushbutton switches capable of displaying up to 9 lines of data approximately 26 characters wide, as well as graphical characters 	<ul style="list-style-type: none"> Analog AC metering panel for simultaneous monitoring of 3-phase AC voltage and current, kW, power factor, and frequency. Voltage, current and kW are scaled in % of nominal values. All values are color-coded to indicate normal, warning and abnormal operating conditions Single membrane front panel with construction providing NEMA 3R/IP53 protection.
Standard Features	Optional Features
<ul style="list-style-type: none"> Isochronous governing 3-phase sensing voltage regulation with single and three phase fault current regulation AC output protection including over/under voltage, over/under frequency, overcurrent, short circuit, and overload (kW) Engine control and monitoring system with displays for oil pressure, oil temperature, engine coolant temperature, engine speed, battery voltage and other values Generator set protection system including AC output protection alarms, engine pressure, temperature warning, shutdown functions, low coolant temperature, low coolant level, low fuel level, failure to crank, failure to start and overspeed Operator adjustments for time delay, start/stop, engine speed, and overspeed Technician setup menu Status and data display functions including engine operating hours, kW hour productions, AC metering functions and fault history 	<ul style="list-style-type: none"> Alternator temperature alarms Automatic mains failure control Control anti-condensation heater Digital paralleling controls Echelon LonWorks interface Generator running relay contacts Key-type mode control switch

Ratings Definitions

Standby:	Prime (Unlimited Running Time):	Base Load (Continuous):
Applicable for supplying emergency power for the duration of normal power interruption. No sustained overload capability is available for this rating. Nominally rated. (Equivalent to Fuel Stop Power in accordance with ISO3046, AS2789, DIN6271, and BS5514.)	Applicable for supplying power in lieu of commercially purchased power. Prime power is the maximum power available at a variable load for an unlimited number of hours. A 10% overload capability is available for limited time. Nominally rated. (Equivalent to Prime Power in accordance with ISO8528 and Overload Power in accordance with ISO3046, AS2789, DIN6271, and BS5514.)	Applicable for supplying power continuously to a load for this rating. Nominally rated. Consult authorized distributor for rating. (Equivalent to Continuous Power in accordance with ISO8528, ISO3046, AS2789, DIN6271, and BS5514.)



This outline drawing is provided for general reference only and is not intended for design or installation. See outline drawing 500-3398 for more information (available from your Distributor/Dealer).

	Length		Width		Height		Weight (w/o Fuel)		Weight (with Fuel)		Fuel Capacity	
	in	mm	in	mm	in	mm	lbs	Kg	lbs	kg	US Gal	liters
DQKC	480	12192	96	2438	162	4115	62500	28350	76913	34881	2030	7684

Model	kW Rating		Cummins Engine Model	Sound Level	Generator Specification Sheet #	Hours of Operation (75% Load)	
	Standby	Prime				Standby	Prime
DQKC	2000 kW	1800 kW	QSK60-G6 (2P/2L)	76	S-1383	20	22



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See your distributor for more information.

Backfeed to a utility system can cause electrocution and/or property damage. Do not connect to any building's electrical system except through an approved device or after building main switch is opened.