

Our energy working for you.™



**Power
Generation**

Flexible Power Solutions:

Rental Generators



Mining | Construction | Events | Heavy duty applications
| Oil & Gas applications | Independent Power Producers

Cummins technology

- **Global network – 600 distributors, 6,500 sales and service outlets**
- **Global provider of reliable power systems**
- **The Power of One™**

Our global network of 600 distributors and 6,000 sales and service outlets across 190 countries guarantees a face-to-face relationship wherever our products are operating, providing you with fast access to reliable service, engineering expertise and parts support.

Cummins Power Generation has earned a reputation as a global provider of reliable on-site rental power systems. For good reason: we understand the rental power business and can deliver whatever you need, whenever you need it, around the world.

Our rental expertise is focused on delivering total mobile power solutions that solve your - and your customers' - biggest challenges. Look to us as your single source for reliable products, customized configurations, easy installation and excellent local support.

The Power of One™

The Power of One™ means that the components of a Cummins Power Generation system are designed and built to work together, promising you a proven, reliable product. You also benefit from one source for service and support after the sale. Our global distributor network has factory trained and certified technicians ready to provide both scheduled and emergency service. In addition, our global stocking plan has warehouses and service vehicles fully stocked with parts.

Reliability

When you need real power you can depend on us to deliver unrivalled reliability. We do what we say we will, and more. We keep our promises.

Relationships

At Cummins you are in touch with real people you can trust and rely on. Wherever and whenever you need us, we'll be there for you.

Responsiveness

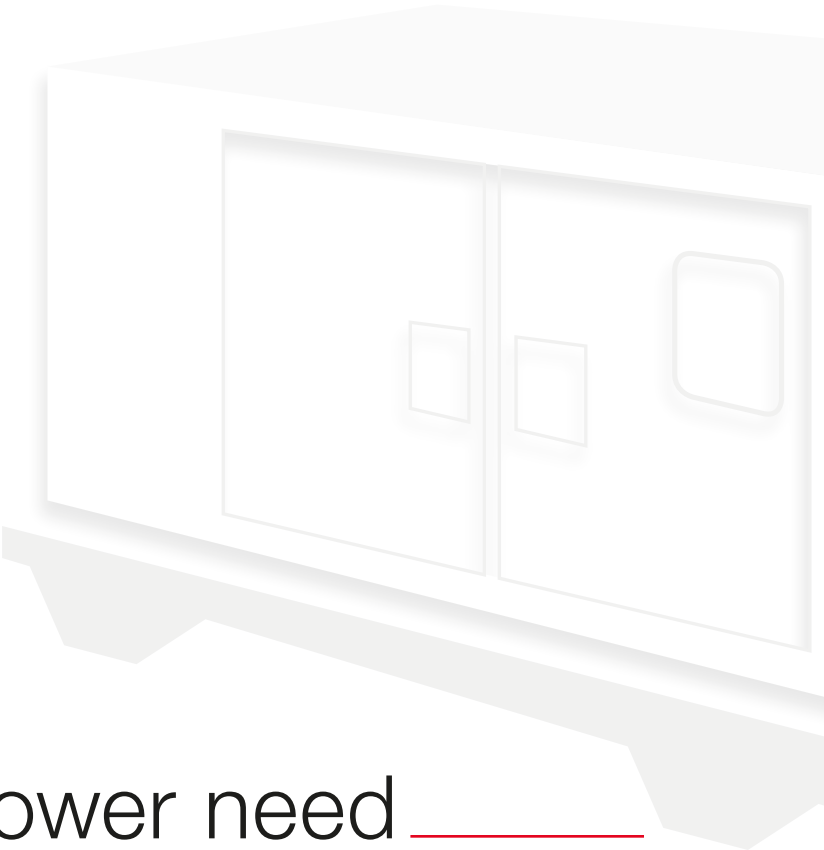
We guarantee same-day answers, turnkey solutions, quick delivery, split-second start-up and a phone that is answered 24 hours a day, 7 days a week.

Rental Products for the Rental Market

New innovative rental power units have been introduced by Cummins Power Generation with cleaner, quieter operation to meet and even exceed EPA emissions standards. These units are configured especially for the rental power market and packed in an easy-to-operate customer interface to maximize flexibility and minimize setup.

Cummins Power Generation generator sets are built on highly reliable Cummins engines, so they are Cummins inside and out.

A wide range of Rental Power systems are available to suit your power needs. Reliable, cost-effective, short-term and long-term power solutions.



Whatever your power need

Cummins has got you covered no matter your power needs - be it peaking power for a large city utility, back-up power for scheduled maintenance, emergency power after an earthquake, or temporary power for a special event. Cummins is always ready with the ideal solution.

You can depend upon Cummins Power Generation to provide solutions for Rental Power that will meet a variety of needs in industries including:

- | | |
|-----------------|----------------------|
| • Commercial | • Manufacturing |
| • Construction | • Telecommunications |
| • Data Centers | • Mining |
| • Entertainment | • Oil & Gas |
| • Government | • Retail Services |
| • Healthcare | • Media |
| • Hospitality | • Utilities |
| • Institutional | |

Product Information

50 Hz

Model	50Hz		Fuel Consumption (L/hr)					
	Standby		Prime		Standby		Prime	
	kVA	kW	kVA	kW	75% load	100% load	75% load	100% load
C100 D2R	110	88	100	80	21	27	20	25
C150 D2R	165	132	150	120	32	39	30	37
C200 D2R	220	176	200	160	39	48	36	45
C250 D2R	275	220	250	200	53	64	50	59
C300 D2R	330	264	300	240	61	74	57	70
C1000 D2R	1100	880	1000	800	175	228	161	209
C1250 D2R	1400	1120	1258	1006	221	293	199	261

Model	Engine Model	Alternator Type	Standard Controller	Emission	Noise			Fuel System	
					LWA	dB(A) @ 1m 75% prime load	dB(A) @ 7m 75% prime load	Capacity (L)	Autonomy @ 75% prime load (Hrs)
C100 D2R	QSB5G5	UC274C	1.1	SIIIA	95	78	66.7	319	16
C150 D2R	QSB7G5	UC274F	1.2	SIIIA	95	75	67	857	28.6
C200 D2R	QSB7G5	UC274H	1.2	SIIIA	95	75	67	857	23.8
C250 D2R	QSL9G3	UC274K	1.2	SIIIA	97	77	69	1165	23.3
C300 D2R	QSL9G7	HC4D	3.3 MLD	SIIIA	97	76	69	1165	20.4
C1000 D2R	KTA38G14	HCi634K	3.3 MLD	UR	113	92	83	900	5.6
C1250 D2R	KTA50G3	P7B	3.3 MLD	UR	113	92	83	900	4.5



50Hz

C200 D2R

60 Hz

Model	60Hz		Fuel Consumption (L/hr)					
	Standby		Prime		Standby		Prime	
	kVA	kW	kVA	kW	75% load	100% load	75% load	100% load
C100 D2R	125	100	110	90	25	31	23	28
C150 D2R	188	150	169	135	37	44	34	41
C200 D2R	250	200	225	180	44	56	41	50
C250 D2R	313	250	281	225	63	74	57	69
C300 D2R	375	300	344	275	70	87	67	80
C1000 D2R	1250	1000	1138	930	206	266	189	242
C1250 D2R	1588	1270	1400	1120	248	330	222	291

Model	Engine Model	Alternator Type	Standard Controller	Emission	Noise			Fuel System	
					LWA	dB(A) @ 1m 75% prime load	dB(A) @ 7m 75% prime load	Capacity (L)	Autonomy @ 75% prime load (Hrs)
C100 D2R	QSB5G5	UC274C	1.1	SIIIA	98	82	73	319	14
C150 D2R	QSB7G5	UC274F	1.2	SIIIA	101	80	73	857	25.2
C200 D2R	QSB5G5	UC274H	1.2	SIIIA	100	80	73	857	20.9
C250 D2R	QSL9G3	UC274K	1.2	SIIIA	97	82	75	1165	20.4
C300 D2R	QSL9G7	HC4D	3.3 MLD	SIIIA	117	81	74	1165	17.4
C1000 D2R	KTA38G14	HCi634K	3.3 MLD	UR	118	98	89	900	4.8
C1250 D2R	KTA50G3	P7B	3.3 MLD	UR	118	98	89	900	4

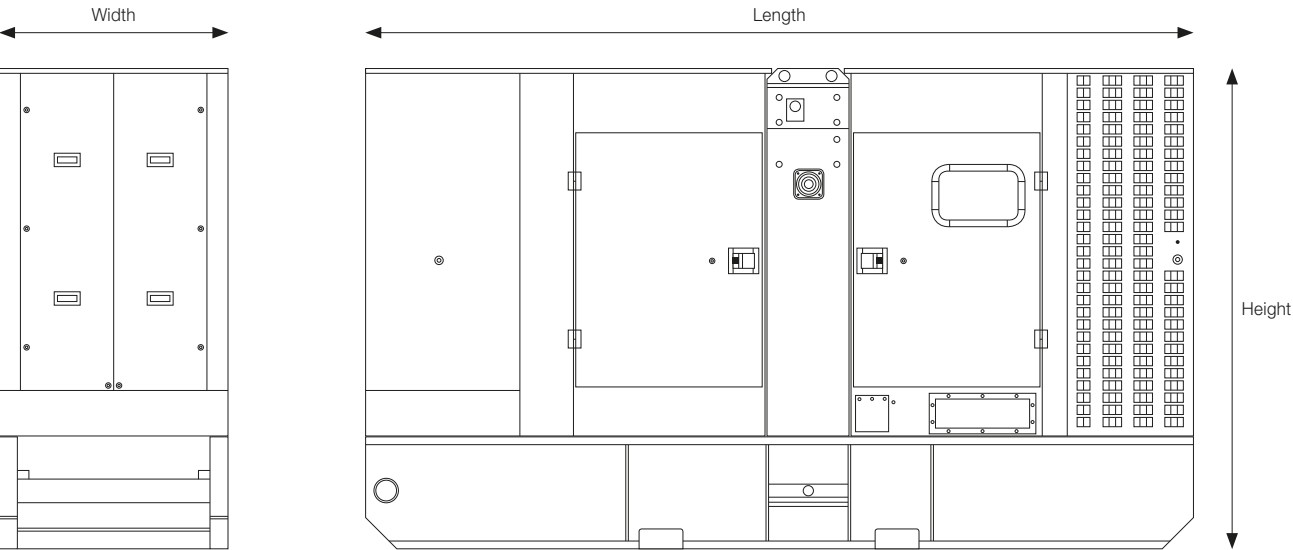


60Hz

C250 D2R

Product Information

Model	Dimensions and weight				
	Length (mm)	Width (mm)	Height (mm)	Wet weight Approx (Kg)	Dry Weight (Kg)
C100 D2R	2900	1100	1900	2379	2034
C150 D2R	3900	1100	2200	2948	2922
C200 D2R	3900	1100	2200	3044	3018
C250 D2R	4370	1430	2500	4421	4369
C300 D2R	4370	1430	2500	4718	4666
C1000 D2R	6058	2438	2591	18132	16879
C1250 D2R	6058	2438	2591	18132	16879



Our generators are designed to provide our clients a number of key benefits with the following features and options:

- Compliant with 2000/14/CE
- Point lift
- Built-in step for lifting eye access
- Fork lift ability
- Stackable containerised sets
- Jettable radiator
- Customized color
- Fast connect busbar
- EU sockets pack
- UK sockets pack
- 4 Pole breaker
- Earth leakage protection
- Earth spike
- Remote start ability
- Auto mains failure pack
- Permanent magnet generator + automatic voltage regulator
- Alternator heater
- Dual frequency capability
- Pre-filter/ water separator
- Heavy duty air filter
- Electronic governor
- Oil sump pump
- 3 way fuel valve
- Battery isolator switch
- Bunded/Double wall fuel tank



Controllers



PCC1301/PCC 1.1



PCC 1.2



PCC 3.3

Main Features	PowerCommand Generator Control	
	1.1/1.2	3.3
General		
AVR	•	•
Electronic Governing	•	•
Glow plug control	•	•
Cycle cranking	•	•
Full authority engine control	•	•
Networking (LonWorks)	-	-
Networking (ModBus)	•	•
Fault history	•	•
Operator int		
Manual start/stop	•	•
Auto/remote start	•	•
Exercise function	-	•
Auto LED	•	•
Not in Auto LED	•	•
Manual LED	•	•
Common Shutdown LED	•	•
Common Warning LED	•	•
Exercise LED	-	•
Emergency stop (local and remote)	•	•
Alphanumeric screen	•	•
Remote start input active led	•	•
Fault reset	•	•
Measurement & Instrumentation - Engine		
Oil Pressure	•	•
Oil Temperature	-	•
Water Temperature	•	•
Engine Speed	•	•
Hours Run	•	•
Number of Starts	•	•
Battery Voltage	•	•
Exhaust Temperature	-	-
Measurement & Instrumentation - Alternator		
3 Phase L-L & L-N Voltage & Frequency	•	•
3 Phase Current	•	•
kWh	-	•
Total kVA	•	•
Total kW & kVAr	-	•
PF	-	•
Per Phase kVAr, kW	-	•
Per Phase kVA	-	•
Shutdown Protection & Indication - Engine		
Low Fuel Level	•	•
High Fuel Level	-	•
Low Oil Pressure	•	•
High Engine Coolant temperature	•	•
Failure to Crank Shutdown	•	•
Over Crank (Failure to Start)	•	•
Overspeed	•	•

Main Features	PowerCommand Generator Control	
	1.1/1.2	3.3
Shutdown Protection & Indication - Alternator		
Under & Over Voltage	•	•
Under & Over Frequency	•	•
Overcurrent	•	•
Earth Leakage	•	•
Reverse Power	-	•
Reverse Var	-	•
Threshold Warning Indications		
Low Oil Pressure	•	•
Low Engine Coolant Temperature	•	•
High Engine Coolant Temperature	•	•
Low Coolant Level	-	•
Low Battery Voltage	•	•
High Battery voltage	•	•
Battery Alternator Charge Fault	•	•
Over Current	•	•
Overload	•	•
Paralleling Capability		
Auto Synchronizing (Isolated Bus)	-	•
kW & VAr Load Sharing Control	-	•
Auto Synchronizing (Utility Bus)	-	•
Base Load	-	•
Synchroscope	-	•
Peak Lopping	-	•
Masterless Load Demand	-	•
Power Transfer Function		
Open Transition Transfer	-	•
Hard Closed Transition	-	•
Soft Closed Transition (ramping)	-	•
Transfer & Base Load (Utility)	-	•
Gen/Mains Breaker Control	-	•
Gen/Mains Breaker Status Protection	-	•
Environment		
Operating Temp. Range -40°C to +70°C	•	•
Operating Temp. User Interface -20°C to +70°C	•	•
Humidity up to 95% (non condensing)	•	•
Codes & Standards		
CE Compliant	•	•
NFPA110	•	•
UL508 Listed	-	•
UL Certified	•	•
Controller Inputs/Outputs		
Digital Inputs (shutdown, warning or status)	4	4
Relay Outputs	2	4
Configurable Input/Output	•	•

• Standard • Option - Not Available

Benefits and features

Transportability

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- Single-point lift
- Fork lift points
- Drag bar

Safety

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- 2-point lift when single point not accessible from ground
- Lockable doors
- Easy bus-bar connections and/or sockets
- Earth leakage protection with earth spike
- 4-pole circuit breaker

Service

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- Oil sump pump
- Battery isolator switch
- Fuel tank cleaning hatch
- Interchangeable air-filter

Durability

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- Zintec weather-resistant container
- Arduous duty skid
- Water separator

Connectability

🔌

- 3-way fuel valve
- Easy bus-bar connection/sockets
- 24-hour fuel tank
- Auto mains failure (AMF) pack

Regulatory

✓

Gensets meet or exceed:

- CE
- Noise - 2000/14/CE step 2006
- Emissions compliant stage II or stage IIIA
- SIIIA compliant products, good up to 2017

Rental Power from Cummins Power Generation offers you multiple advantages - top performance, second-to-none reliability, technical innovations, application and configuration versatility, emissions leadership and expert service. Add our worldwide rental business experience, and you receive the best value in rental equipment for you and your customers.

Transportability
Transportation of the generator set is improved with fork-lift points on each side of the enclosure for easy access. Single-point and two-point lifting for use with cranes and hiabs, together with a drag bar, assist loading into restricted areas and containers. The centre of gravity has been carefully calculated to give maximum possible stability while lifting and transporting.

Safety
All enclosures are provided with lockable doors to prevent unauthorized access and the enclosure provides full protection against mechanical and electrical hazards when locked. Electrical protection is provided by the four-pole circuit breaker, earth leakage protection and earth spike. Cummins' rental products are designed with the environment in mind and coolant, lubrication oil or fuel oil spillages are contained within the generator housing.

Service
All serviceable parts are accessible and a high degree of standardization means that spares are readily obtainable. Safety during servicing is assured with the integral circuit breaker and battery isolator switch. The generator is provided with an oil pan evacuation pump for easy and clean oil changes and a fuel tank cleaning hatch provides access into the tank for thorough cleaning. Fuel, lubrication and

air filters and other consumable parts are readily available from distributors and spares stockists.

Durability
All rental generators are housed within a Zintec corrosion and weather resistant container, providing excellent protection and durability in any environment. The arduous skid allows the generator set to be placed on a poor, unprepared surface without compromising operation. The water separator provides protection against the risk of contaminated fuel and lube oil.

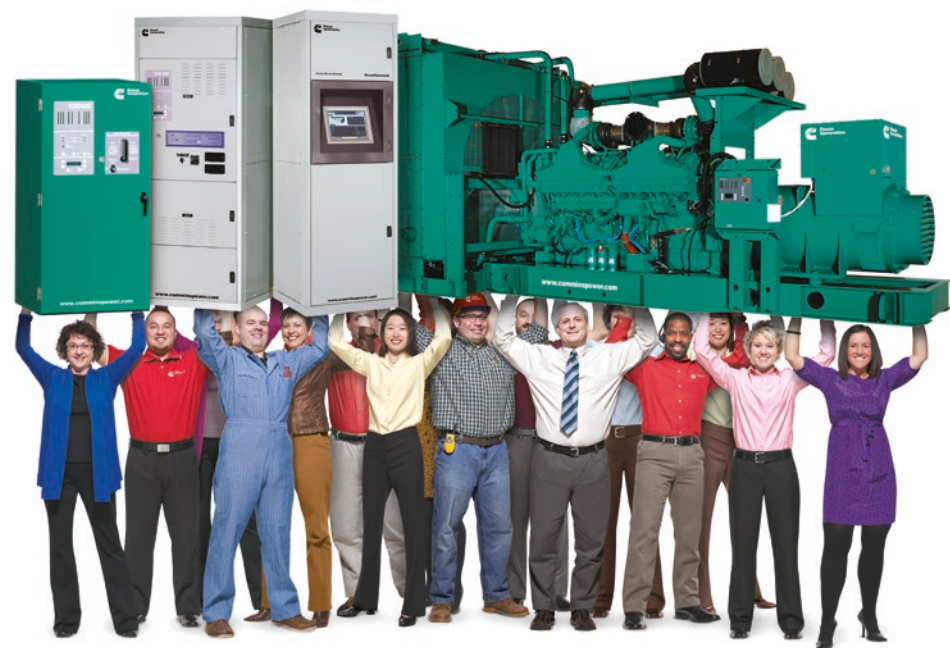
Connectability
A three-way valve is provided to allow fuel to be taken either from bulk-supply, or from the generous integral 24 hour fuel tank. Electrical connections are arranged to accept most standard lug forms, while smaller generators are provided with sockets. An automatic mains failure control is provided for use in standby applications.

Regulatory Compliance
Cummins' rental products meet or exceed the requirements of CE including Machinery, Low Voltage, EMC and Noise. Depending on the engine selections, the exhaust emissions will comply with stage II or stage IIIA. All rental products in the 80kVA - 300kVA range are stage IIIA compliant and are good until 2017 as per EU NRMM regulations.

Aftermarket

Our certified and factory-trained distributors provide:

- Expert service and support
- Planned maintenance
- Trouble-shooting
- Quality parts
- Warranty support
- 24/7 availability
- Operator and user training



After-sale Services

One of our proudest achievements lies in creating truly rewarding service experiences for those we value most – our customers. Every Cummins Power Generation customer is directed to a single point of contact as part of our aftermarket sales service offerings. This single contact point will help address all your service needs and requirements, creating easy accessibility for you.

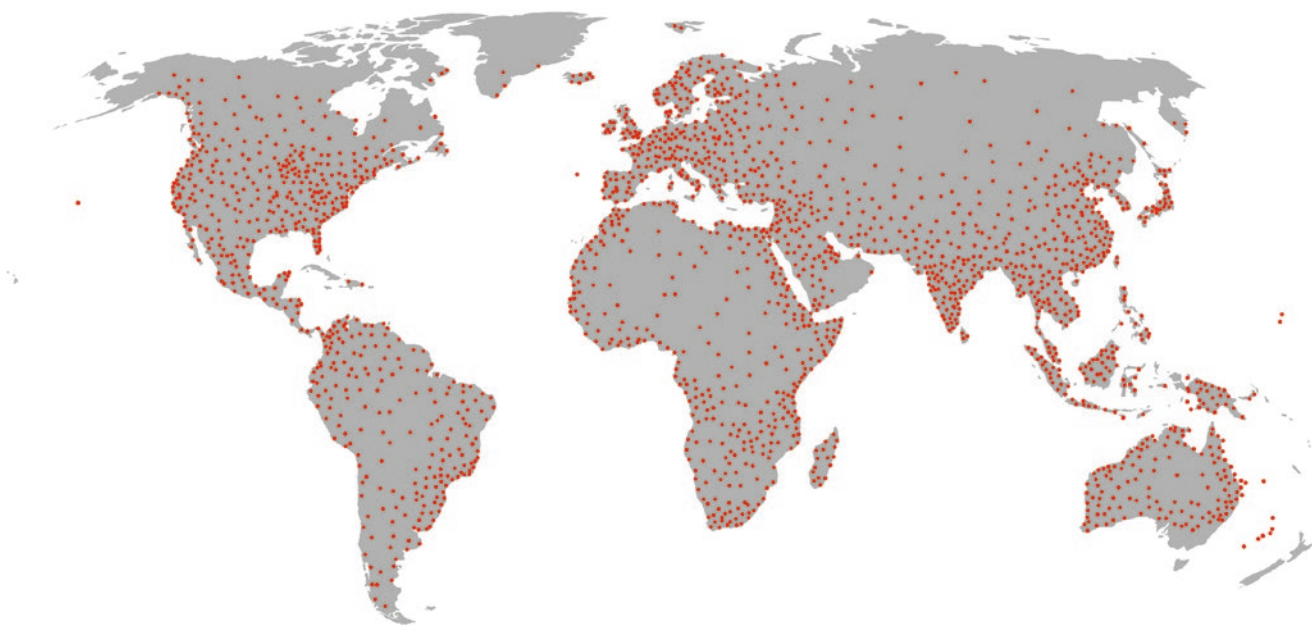
Product purchases also come with comprehensive training programs that can be undergone at your convenience. Our global network of distributors and dealers offer Planned Maintenance Agreements, providing your business with an extra measure of protection with a complete, well-planned preventive maintenance program, which guarantees that your generator set protects your business from costly or even dangerous downtime. What sets Cummins apart is our technical support, which is available all day, every day, for all your needs, ensuring that your service experience is a truly memorable one.

Customers: At The Heart Of All We Do

One of the major factors that has propelled Cummins Power Generation forward as a key player in the power industry is its excellent customer support. In an effort to boost customer support excellence (CSE), Cummins has introduced a Management Review Group (MRG) to guide and monitor the Cummins CSE effort in its entirety. There are also a number of initiatives in place that help our employees understand, strengthen and go the extra mile to uphold our customer-focused approach and culture. At Cummins, we firmly believe that it is our customers who contribute to our daily successes. This is our way of saying Thank You.

Global Company, Local Support

- 40,000 employees in 190 countries
- 88 manufacturing facilities
- 19 technical centers
- 6,500 sales and service locations
- 20 parts distribution centers
- 600 distributors





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