

Our energy working for you.™



**Power  
Generation**

# Cummins Power Generation

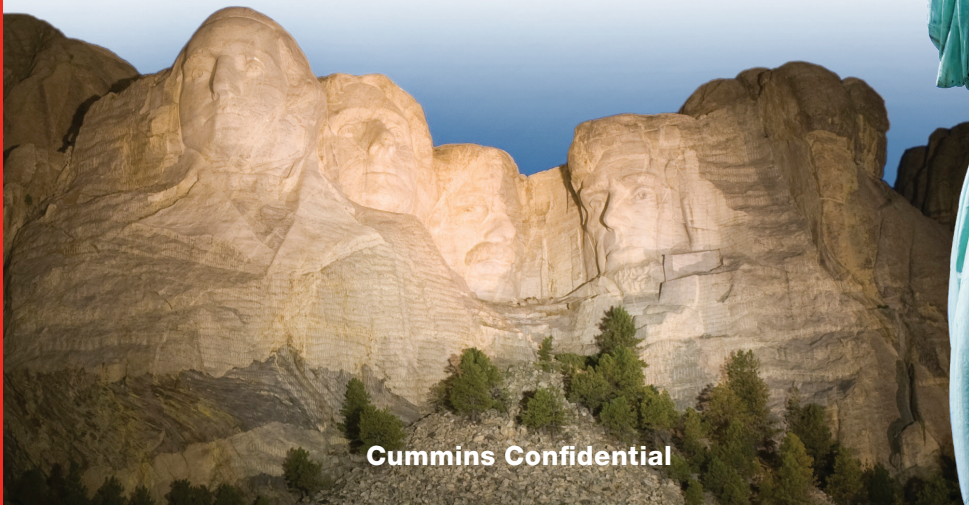
## A better choice

### Connect™ Series

#### Why choose Cummins power?

We are a global leader in reliable power. Here are just some of the many things we are proud to power:

- Hospitals, data centers, banks and other large, critical facilities across the globe
- Ram® pickup trucks with diesel engines and half of the big-rig semi trucks on the road today
- Millions of boats, RVs and commercial mobile vehicles — from fire engines to food trucks
- National landmarks including Mount Rushmore and the Statue of Liberty



Cummins Confidential

## A legacy of reliability

Our heritage of reliable power goes back nearly a century.

- **1919** Clessie Cummins founded Cummins to make better diesel engines
- **1920s** David Onan founded Onan Corporation and manufactured first generators for home use
- **1940s** Supplied most of the field generators used by Allied forces in World War II
- **1960s** Developed first generator for RVs and introduced a line of automatic transfer switches and paralleling switchgear
- **1990s** United strengths of Cummins and Onan together under Cummins Power Generation
- **2000s** Awarded renewed U.S. Army contract for latest generation of military field generators
- **2010s** Recognized as a top company for diversity, best places to work, sustainability and financial performance
- **2014** *Builder* magazine selected Cummins home standby generators as “Best in Quality” 4 years in a row

## Advantages of Connect series

- High reliability
- Easy remote monitoring
- Extremely durable enclosure
- Extremely quiet sound performance
- Improved sociability (fewer exercise hour requirements means lower noise and lower fuel consumption)
- Unmatched customer service

### Fuel Savings at 75% Load

for a 72 hour run time*	Competitor A		Competitor B	
	NG	LP	NG	LP
<b>RS22</b>	\$19	—	—	—
<b>RS25</b>	—	—	\$32	\$5
<b>RS30</b>	—	—	\$26	\$2
<b>RS36</b>	\$6	—	—	—
<b>RS40</b>	—	—	\$8	(\$1)

<b>NG</b>	\$9.24	per 1000 ft <sup>3</sup>	12 mo. avg. (2/13–2/14)
<b>LG</b>	\$2.32	per gallon (35.65 ft <sup>3</sup> /gal)	12 mo. avg. (2/13–2/14)

\*fuel price from [www.eia.gov](http://www.eia.gov)

## A focus on quiet

We work hard to reduce noise. Pinpointing the sources of noise helps us design quieter products that beat other generators in independent noise-comparison tests.



Visit our YouTube channel to see how we compare against the competition.

[now.cummins.com/RLCVideos](http://now.cummins.com/RLCVideos)

### Best In Class Sound

Measured in decibels (dBA)

<b>RS22</b>	.....	<b>64</b>
<b>RS25</b>	.....	<b>64</b>
<b>RS30</b>	.....	<b>60</b>
<b>RS36</b>	.....	<b>63</b>
<b>RS40</b>	.....	<b>63</b>
<b>RX30</b>	.....	<b>72</b>
<b>RX36</b>	.....	<b>72</b>
<b>RX40</b>	.....	<b>71</b>
<b>RX45</b>	.....	<b>67</b>
<b>RX50</b>	.....	<b>67</b>
<b>RX60</b>	.....	<b>69</b>

\*Average sound levels at 23 feet (7m) with Sound Level 2 accessory

## Advanced features

Besides reliability and low noise that ensures a quiet experience, our advanced systems also feature:



Ease of installation and servicing



Flexibility to run on either natural gas or propane



Stable power output that protects sensitive electronics



Convenient remote monitoring from anywhere you have an Internet connection



The best warranty in the industry

**Cummins Confidential**

## Model specific features

All Connect series models feature:

- Cummins QSJ2.4 engine for reliable power
- Brushless alternator means better quality power and lower exercise requirements
- Reliable transfer switch for automatic switchover
- Fully trained and qualified dealer network for preventative maintenance and service

See below for model specific competitive advantages.

### QuietConnect™ Series

RS 22	RS 25	RS 30	RS 36	RS 40
6 dB(A) quieter than Competitor A	4 dB(A) quieter than Competitor A	8 dB(A) quieter than Competitor A	1 dB(A) quieter than Competitor A	3 dB(A) quieter than Competitor A
11% better (NG) fuel consumption at 75% load than Competitor A	17% better (NG) and 22% better (LP) fuel consumption at 75% load than Competitor A	12% better (NG) and 10% better (LP) fuel consumption at 75% load than Competitor B	2% better (NG) fuel consumption at 75% load than Competitor A	3% better (NG) fuel consumption at 75% load than Competitor A
NG/LPV field selectable without parts change	2 year standby warranty compared to Competitor B's 1 year limited warranty	2 year standby warranty compared to Competitor B's 1 year limited warranty	NG/LPV field selectable without parts change, unlike Competitor A	2 year standby warranty compared to Competitor B's 1 year limited warranty
Temperature derate 27°F higher than Competitor A	Features an upward facing exhaust that helps protect landscape around genset		27°F higher temperature derate and 300 ft higher altitude derate than Competitor A	
Altitude derate above 3000/1000 ft, Competitor A derate above 600ft				
Features an upward facing exhaust to help protect landscape around genset				

### PowerConnect™ Series

RX30	RX 45	RX 60
1 dB(A) quieter than Competitor A	6 dB(A) quieter than Competitor A at normal load	3 dB(A) quieter than Competitor A at full load
6% better (NG) fuel consumption at 75% load than Competitor A	5% better (NG) fuel consumption at 75% load than Competitor A	9% better (NG) fuel consumption at 75% load than Competitor A
Field selectable fuel type without parts change compared to Competitor A needing parts to change	Field selectable fuel type without parts change compared to Competitor A needing parts to change	Field selectable fuel type without parts change compared to Competitor A needing parts to change
Aluminum enclosure is lighter and more weather resistant than Competitor A's steel enclosure	Aluminum enclosure is lighter and more weather resistant than Competitor A's steel enclosure	
Higher temperature and altitude derate levels	Higher temperature and altitude derate levels	

See competitive features charts for more information.

## Competitive features charts



Comparisons are accurate as of October 2014.

### QuietConnect™ RS22 Competitive Features

Shows the advantage

	Cummins RS22	Competitor A, 22kW	Competitor B
<b>Fuel type</b>	NG/LPV, field selectable without parts change	NG, LPV, need changing parts to switch fuel type	No product available in this range
<b>Sound level @ 23 ft (7 m)</b>	64 dB(A) (Level 2 enclosure, 8 points average)	70 dB(A)* at normal load	
<b>Engine</b>	QSJ2.4 Cummins	2.4L	
<b>Fuel consumption @ 75% load (NG)</b>	225.9 ft³/hr	255.0 ft³/hr	
<b>Fuel consumption @ 75% load (propane)</b>	91.7 ft³/hr (LP Vapor)	0.370 ft³/hr (LP)	
<b>Alternator</b>	Brushless, 4 pole, drip proof, revolving field	Brushed	
<b>Alternator reconnectability</b>	No	No	
<b>Temp derate above (LP/NG)</b>	104F/104F	77F/77F	
<b>Altitude derate above (LP/NG)</b>	3300 ft/1000 ft	600 ft/600 ft	

### QuietConnect™ RS25 Competitive Features

Shows the advantage

	Cummins RS25	Competitor A	Competitor B, 25kW
<b>Fuel type</b>	NG/LPV, field selectable without parts change	No product available in this range	NG, LPV, need changing parts to switch fuel type
<b>Output kW @ 120/240 1ph (LP/NG)</b>	25/25		24/24
<b>Amp output @ 240V (LP/NG), single phase</b>	104.2/104.2		100/100
<b>Sound level @ 23 ft (7 m)</b>	64 dB(A) (Level 2 enclosure, 8 points average)		68 dB(A)* at 60 Hz full load
<b>Engine</b>	QSJ2.4 Cummins		3.0L GM
<b>Motor starting kVA</b>	57		62 (240 V, 220 V 4Q7 (4 lead))
<b>Fuel consumption @ 75% load (NG)</b>	247.6 ft³/hr		297 ft³/hr
<b>Fuel consumption @ 75% load (LP vapor)</b>	99.6 ft³/hr		127 ft³/hr
<b>Alternator reconnectability</b>	No		Yes
<b>Warranty</b>	2 year, standby		1 year limited warranty
<b>Engine cooling operating temperatures</b>	50C (122F)		50C (122F) Enclosure with enclosed silencer reduces ambient temperature capability by 5C (9F)

\*Sound levels are taken from the front of the generator. Sound levels taken from other sides of the generator may be higher depending on installation parameters.

## QuietConnect™ RS30 Competitive Features

Shows the advantage

	Cummins RS30	Competitor A	Competitor B, 30kW
<b>Fuel type</b>	NG/LPV, field selectable without parts change	No product available in this range	NG, LP gas, or dual fuel (automatic change over)
<b>Sound level @ 23 ft (7 m)</b>	60 dB(A) (Level 2 enclosure, 8 points average)		68 dB(A)* at 60 Hz full load
<b>Engine</b>	QSJ2.4 Cummins		3.0L GM
<b>Motor starting kVA</b>	57		104 (240 V, 220 V 4Q7 (4 lead))
<b>Fuel consumption @ 75% load (NG)</b>	300.0 ft³/hr		340 ft³/hr
<b>Fuel consumption @ 75% load (LP vapor)</b>	129.1 ft³/hr		144 ft³/hr
<b>Alternator reconnectability</b>	No		Yes
<b>Warranty</b>	2 year, standby		1 year limited warranty
<b>Engine cooling operating temperatures</b>	50C (122F)		50C (122F) Enclosure with enclosed silencer reduces ambient temperature capability by 5C (9F)

## QuietConnect™ RS36 Competitive Features

Shows the advantage

	Cummins RS36	Competitor A, 36kW	Competitor B
<b>Fuel type</b>	NG/LPV, field selectable without parts change	NG, LPV, need changing parts to switch fuel type	No product available in this range
<b>Output kW @ 120/240 1ph (LP/NG)</b>	36/36	36/35	
<b>Amp output @ 240V (LP/NG), single phase</b>	150/150	150/146	
<b>Sound level @ 23 ft (7 m)</b>	63 dB(A) (Level 2 enclosure, 8 points average)	64 dB(A)* at normal load	
<b>Engine</b>	QSJ2.4 Cummins	2.4L	
<b>Fuel consumption @ 75% load (NG)</b>	382.3 ft³/hr	392.0 ft³/hr	
<b>Fuel consumption @ 75% load (propane)</b>	148.4 ft³/hr (LP Vapor)	0.572ft³/hr (LP)	
<b>Alternator</b>	Brushless, 4 pole, drip proof, revolving field	Brushed	
<b>Temp derate above (LP/NG)</b>	104F/104F	77F/77F	
<b>Altitude derate above (LP/NG)</b>	3300 ft/3300 ft	3000 ft/3000 ft	

## QuietConnect™ RS40 Competitive Features

Shows the advantage

	Cummins RS40	Competitor A	Competitor B, 40kW
<b>Fuel type</b>	NG/LPV, field selectable without parts change	No product available in this range	NG, LP gas, or dual fuel (automatic change over)
<b>Sound level @ 23 ft (7 m)</b>	63 dB(A) (Level 2 enclosure, 8 points average)		66 dB(A)* at 60 Hz full load
<b>Engine</b>	QSJ2.4 Cummins		4.3L GM
<b>Fuel consumption @ 75% load (NG)</b>	473.5 ft³/hr		486.0 ft³/hr
<b>Fuel consumption @ 75% load (LP vapor)</b>	194.7 ft³/hr		191.0 ft³/hr
<b>Alternator reconnectability</b>	No		Yes
<b>Warranty</b>	2 year, standby		1 year limited warranty
<b>Engine cooling operating temperatures</b>	50C (122F)		50C (122F) Enclosure with enclosed silencer reduces ambient temperature capability by 5C (9F)

\*Sound levels are taken from the front of the generator. Sound levels taken from other sides of the generator may be higher depending on installation parameters.



## PowerConnect™ RX30 Competitive Features

*Shows the advantage*

	Cummins RX30	Competitor A, 30kW	Competitor B, 30kW
<b>Fuel type</b>	NG/LPV, field selectable without parts change	NG/LPV, need changing parts to switch fuel type	NG or LPV
<b>Sound level @ 23 ft (7 m)</b>	72 dB(A) (Level 2 enclosure, 8 points average)	70 dB(A)* at normal load	68 dB(A) with sound enclosure and no load
<b>Engine</b>	QSJ2.4 Cummins	1.5L	1.6L GM
<b>Fuel consumption @ 75% load (NG)</b>	390.4 ft³/hr	415.0 ft³/hr	375.0 ft³/hr
<b>Alternator</b>	Brushless, 4 pole, drip proof, revolving field	Brushed	4 pole, brushed type
<b>Temp derate above (LP/NG)</b>	104F/104F	77F/77F	70F
<b>Altitude derate above (LP/NG)</b>	3100 ft/3100 ft	600 ft/600 ft	3300 ft

## PowerConnect™ RX45 Competitive Features

*Shows the advantage*

	Cummins RX45	Competitor A, 45kW	Competitor B
<b>Fuel type</b>	NG/LPV, field selectable without parts change	NG/LPV, need changing parts to switch fuel type	No product available in this range
<b>Amp output @ 240V (LP/NG), single phase</b>	187.5/187.5	188/188	
<b>Sound level @ 23 ft (7 m)</b>	72 dB(A) (Level 2 enclosure, 8 points average)	73 dB(A)* at normal load	
<b>Fuel consumption @ 75% load (NG)</b>	519.0 ft³/hr	545.0 ft³/hr	
<b>Enclosed material</b>	Aluminum	Steel weather protective enclosure w/ aluminum roof	
<b>Alternator</b>	Brushless, 2 pole, drip proof, revolving field	Brushed	
<b>Temp derate above (LP/NG)</b>	104F/104F	77F/77F	
<b>Altitude derate above (LP/NG)</b>	3300 ft/3300 ft	600 ft/600 ft	

## PowerConnect™ RX60 Competitive Features

*Shows the advantage*

	Cummins RX60	Competitor A, 60kW	Competitor B
<b>Fuel type</b>	NG/LPV, field selectable without parts change	NG/LPV, need changing parts to switch fuel type	No product available in this range
<b>Sound level @ 23 ft (7 m)</b>	72 dB(A) (Level 2 enclosure, 8 points average)	72 dB(A)* at normal load	
<b>Engine</b>	QSJ2.4 Cummins	1.5L	
<b>Fuel consumption @ 75% load (NG)</b>	642.8 ft³/hr	700.0 ft³/hr	
<b>Alternator</b>	Brushless, 2 pole, drip proof, revolving field	Brushed	
<b>Temp derate above (LP/NG)</b>	104F/104F	77F/77F	
<b>Altitude derate above (LP/NG)</b>	375 ft/375 ft	3000 ft/3000 ft	

\*Sound levels are taken from the front of the generator. Sound levels taken from other sides of the generator may be higher depending on installation parameters.

Comparisons are accurate as of October 2014

**Cummins Confidential**



**Power  
Generation**

**Our energy working for you.™**  
**powertobusiness.com**

© 2014 Cummins Power Generation Inc.  
All rights reserved.  
Cummins Power Generation, Cummins  
and Connect are registered trademarks of  
Cummins Inc. "Our energy working for you."  
is trademark of Cummins Power Generation.  
NASB-6010-EN (11/14)