

**Power  
Generation**

# Cummins Generator Drive Prime Power Ratings 50 Hz, 1500 rpm



## Low Horse Power Diesel Generator Sets

Nominal kVA rating	Engine Model	BHP rating at 1500 rpm
15	X 1.7 G1	20
20	X 2.5 G1	32
25	X 2.5 G2	32
30/ 35	S 3.8 G3	45
40	S 3.8 G4	58
50	S 3.8 G6	69
62.5	S 3.8 G7	80
75 / 82.5	6BT 5.9 G1	105
100	6BTA 5.9 G1-I	124
125	6BTA 5.9 G2-I	154
140	6BTAA 5.9 G1-I	170

## High Horse Power Diesel Generator Sets

Nominal kVA rating	Engine Model	BHP rating at 1500 rpm
160	6CTA 8.3 G1-I	205
180	6CTA 8.3 G2-I	219
200	6CTAA 8.3 G1-I	245
250	6CTAA 8.3 G4	310
320	NTA 855 G2-I	380
380	NTA 14 G3	450
500	KTA 19 G9	600
600	VTA 28 G3-I	710
625	VTA 28 G5-I	750
750	KTA 38 G2-I	890
1010	KTA 38 G5	1180
1250	KTA 50 G3	1470
1500	KTA 50 G8-I	1735
1875	QSK 60 G3	2165
2000	QSK 60 G4	2319
3000	QSK 78 G6	3371

### Prime Power Rating Definition

Prime power rating is applicable for supplying electric power in lieu of commercially purchased power. Prime power is the power available at variable load for an unlimited number of hours. A 10% overload capacity is available at intermittent periods.





# Cummins Natural Gas Gensets Power Ratings



## Stoichiometric - Prime Power

Prime Power (1500 rpm, 50 Hz)		Engine Model
kVA rating	kWe rating	
50	40	G 6B5.9 G
125	100	G 855 G
180	144	GTA 855 G
250	200	GTA 1150 G
380	304	GTA 1710 G
500	400	GTA 2300 G
625	500	GTA 3067 G

## Lean Burn - Continuous Operating Power

Continuous Operating Power (1500 rpm, 50 Hz)		Engine Model	Genset Model
kVA* rating	kWe rating		
394	315	QSK 19 G	315 GQFB
719	575	QSK 38 G	575 GQHA
1450	1160	QSK 60 G	1160 GQKA
1712	1370	QSV 81 G	1370 GQMA
1925	1540	QSV 91 G	1540 GQNA
2187	1750	QSV 91 G	1750 GQNB - 50
2500	2000	QSV 91 G	2000 GQNC

\* All kVA ratings arrived at 0.8 pf lag



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