

ALTITUDE kW DERATION FOR QT SERIES GENSETS



Ft. of Elevation	990 cc	1.6 Liter				2.4 Liter			3.0 Liter	6.8 Liter	4.6 Liter	5.4 Liter	6.8 Liter		
	QT016 (*1)	QT018	QT020	QT025 (*1)	QT030 (*1)	QT025 (*1)	QT035	QT045	QT060	QT070 (*1)	QT080	QT100	QT100 (*1)	QT130	QT150
500	16	18	20	25	30	25	35	45	60	70	80	100	100	130	150
1000	15.8	18	20	24.7	29.6	24.7	35	44.5	59.3	69.2	79.0	98.8	98.8	128.4	148.2
1500	15.6	18	20	24.3	29.2	24.3	35	43.8	58.4	68.1	77.8	97.3	97.3	126.5	146.0
2000	15.3	18	20	24.0	28.7	24.0	35	43.1	57.5	67.1	76.6	95.8	95.8	124.5	143.7
2500	15.1	18	20	23.6	28.3	23.6	35	42.4	56.6	66.0	75.4	94.3	94.3	122.6	141.5
3000	14.8	18	20	23.2	27.8	23.2	35	41.8	55.7	65.0	74.2	92.8	92.8	120.6	139.2
3500	14.6	18	19.7	22.8	27.4	22.8	34.5	41.1	54.8	63.9	73.0	91.3	91.3	118.7	137.0
4000	14.4	18	19.4	22.5	26.9	22.5	34.0	40.4	53.9	62.9	71.8	89.8	89.8	116.7	134.7
4500	14.1	18	19.1	22.1	26.5	22.1	33.4	39.7	53.0	61.8	70.6	88.3	88.3	114.8	132.5
5000	13.9	18	18.8	21.7	26.0	21.7	32.9	39.1	52.1	60.8	69.4	86.8	86.8	112.8	130.2
5500	13.6	18	18.5	21.3	25.6	21.3	32.4	38.4	51.2	59.7	68.2	85.3	85.3	110.9	128.0
6000	13.4	18	18.2	21.0	25.1	21.0	31.9	37.7	50.3	58.7	67.0	83.8	83.8	108.9	125.7
6500	13.2	17.7	17.9	20.6	24.7	20.6	31.3	37.0	49.4	57.6	65.8	82.3	82.3	107.0	123.5
7000	12.9	17.5	17.6	20.2	24.2	20.2	30.8	36.4	48.5	56.6	64.6	80.8	80.8	105.0	121.2
7500	12.7	17.2	17.3	19.8	23.8	19.8	30.3	35.7	47.6	55.5	63.4	79.3	79.3	103.1	119.0
8000	12.4	16.9	17.0	19.5	23.3	19.5	29.8	35.0	46.7	54.5	62.2	77.8	77.8	101.1	116.7
8500	12.2	16.7	16.7	19.1	22.9	19.1	29.2	34.3	45.8	53.4	61.0	76.3	76.3	99.2	114.5
9000	12.0	16.4	16.4	18.7	22.4	18.7	28.7	33.7	44.9	52.4	59.8	74.8	74.8	97.2	112.2
9500	11.7	16.1	16.1	18.3	22.0	18.3	28.2	33.0	44.0	51.3	58.6	73.3	73.3	95.3	110.0
10000	11.5	15.8	15.8	18.0	21.5	18.0	27.7	32.3	43.1	50.3	57.4	71.8	71.8	93.3	107.7

Pick the engine and kW rating and drop down to the desired elevation. The number in the box is the kW that would be available at that elevation. The deration factor is 3% per 1000 ft. above 600 ft. for engines that are at their maximum horsepower rating. For other engines, the power begins to derate at 3000 to 5000 ft. elevation depending on the engine and the kW rating. Also, kW ratings take into account alternator cooling. Because of the thinner air at the higher altitudes, the alternator derate can be greater than the engine derate. **All ratings are based on Propane (LPG) - In columns labeled (*1), reduce the output by 4% when connected to Natural Gas.**