

Cummins Natural Gas Engines Generator Drive Engines



Natural
Gas
Engines



Kilowatts kWe @ 0.8 Power Factor

Engine Model	C/R (Note)	50 Cycle 1500 RPM					60 Cycle 1800 RPM				
		Standby		Prime		Gen Eff. %	Standby		Prime		Gen Eff. %
		W/Fan	W/O Fan	W/Fan	W/O Fan		W/Fan	W/O Fan	W/Fan	W/O Fan	
G3.9	10.5:1	--	--	--	--	--	--	--	--	--	--
G5.9	10.5:1	38	41	34	37	88	46	50	41	45	88
GTA5.9	10.5:1(1)	72	77	65	70	90	85	92	77	84	90
	8.5:1(2)	66	71	60	64	90	79	86	70	78	90
G8.3	10.5:1	60	64	54	58	90	71	76	64	69	90
GTA8.3 G1	10.5:1(1)	105	113	95	103	92	125	139	113	127	92
	8.5:1 (2)	105	113	95	103	92	125	139	113	127	92
GTA8.3 G2	10.5:1(1)	120	128	108	117	92	151	165	137	150	92
	8.5:1 (2)	111	119	101	109	92	140	154	126	140	92
G12	12:1	102	105	93	95	92	121	126	110	115	92
	10:1	97	100	87	90	92	115	120	103	108	92
	8.5:1	91	94	81	84	92	108	113	96	101	92
GTA12	10:1(1)	154	162	139	147	93	186	199	160	173	93
	8.5:1(2)	150	157	135	143	93	181	194	153	166	93
G855	12:1	125	128	113	116	93	148	153	134	139	93
	10:1	117	120	106	109	93	139	144	126	130	93
	8.5:1	110	112	99	102	93	130	135	117	122	93
GTA855A	10:1(1)	178	186	159	166	93	215	229	177	191	93
	8.5:1(2)	168	175	151	159	93	210	223	170	184	93
GTA855B	10:1(1)	222	230	169	177	94	255	268	200	213	94
	8.5:1(2)	205	213	158	166	94	235	248	187	200	94
GTA14-G1	11:1(1)	223	235	187	200	93	252	274	211	232	93
	8.5:1(2)	210	223	178	191	93	235	257	198	219	93
GTA14-G2	11:1(1)	241	254	212	224	93	280	302	236	257	93
	8.5:1(2)	218	230	204	216	93	252	274	227	249	93
GTA19-G1	10:1(1)	278	288	252	262	93	325	343	291	309	93
	8.5:1(2)	265	275	240	250	93	325	343	291	309	93
GTA19-G2	10:1(1)	--	--	--	--	93	350	368	317	335	93
	8.5:1(2)	--	--	--	--	93	330	348	298	316	93
GTA28	10:1(1)	434	456	389	410	94	503	540	454	491	94
	8.5:1(2)	415	437	372	393	94	481	517	429	465	94
GTA38 G1	8.5:1	CLD	527	CLD	479	95	CLD	632	CLD	575	95
GTA38 G2	8.5:1	CLD	570	CLD	518	95	CLD	684	CLD	621	95
GTA38 G3	8.5:1	CLD	618	CLD	561	95	CLD	740	CLD	672	95
GTA50 G1	8.5:1	CLD	680	CLD	618	95	CLD	815	CLD	741	95
GTA50 G2	8.5:1	CLD	720	CLD	654	95	CLD	865	CLD	785	95
GTA50 G3	8.5:1	CLD	788	CLD	716	95	CLD	945	CLD	850	95

CLD = Consult Local Distributor

- (1) 32° C (90° F) or lower water temperature to aftercooler or use of air-to-air aftercooler with 100° F or lower air temperature to the radiator.
- (2) 54° C (130° F) or lower water temperature to aftercooler or use of air-to-air aftercooler with 130° F or lower air temperature to the radiator.
- (3) 32° C (90° F) or lower water temperature to aftercooler or use of air-to-air aftercooler with 110° F or lower air temperature to the radiator.
- (4) 54° C (130° F) or lower water temperature to aftercooler or use of air-to-air aftercooler with 130° F or lower air temperature to the radiator.

Data shown above represents gross engine performance capabilities obtained and corrected in accordance with SAE J1349 conditions of 29.61 in. Hg. (100 kPa) barometric pressure [300 ft. (91m) altitude], 77° F (25° C) inlet air temperature and 0.30 in. Hg. (1 kPa) water pressure using dry processed natural gas fuel with 905 BTU per standard cubic foot (33.72 kJ/l) lower heating value. Deration may be required due to altitude, temperature, type of fuel or use of a catalytic converter.