

UNREGULATED EMISSIONS

ENGINE TYPES AND RATINGS

EMISSIONS	COOLPAC	NO. OF CYLINDERS/COOLING	LENGTH	WIDTH	HEIGHT	WEIGHT	ENGINE MODEL
			mm	mm	mm	Kg	
UR	.	3 inline/JW	745	604	774	270	X25-G4
UR	.	4 inline/JW	828	664	767	297	X3.3-G2
UR	.	6 inline/JWAC	1061	708	990	402	6BTA5.9-G6
UR	.	6 inline/A-A	1061	708	990	402	6BTA5.9-G6
UR	.	6 inline/A-A	1129	819	1112	684	6CTAA8.3-G7
UR	.	6 inline/A-A	1183	805	1180	760	6LTA9.5-G3
UR	.	6 inline/A-A	1183	805	1180	760	6LTA9.5-G1
UR	.	6 inline/A-A	1128	783	1208	714	QSL9-G5
UR	.	6 inline/A-A	1295	973	1137	785	QSG12-G3
UR	.	6 inline/A-A	1295	973	1137	785	QSG12-G4
UR	.	6 inline/A-A	1394	1066	1307	1190	M15-G8
UR ²	.	6 inline/A-A	1550	1143	1256	1436	QSX15-G7
UR	.	6 inline/A-A	1396	1053	1279	1245	QSZ13-G11
UR	.	6 inline/JWAC	1859	868	1728	1855	KTA19-G4
UR	.	12V/JWAC	1785	1330	1692	2900	VTA28-G5
UR	.	6 inline/A-A	1896	1060	1633	2755	QSK23-G2
UR	.	12V/JWAC	2026	1318	1609	2967	QST30-G1
UR	.	6 inline/A-A	1896	1060	1633	2755	QSK23-G3
UR ³	.	12V/JWAC	2026	1318	1609	2967	QST30-G2
UR	.	12V/JWAC	2387	1394	1744	4300	KTA38-G3
UR	.	12V/JWAC	2026	1318	1609	2967	QST30-G3
UR	.	12V/JWAC	2387	1394	1744	4300	KTA38-G4
UR	.	12V/JWAC	2387	1394	1744	4300	KTA38-G14
UR	.	12V/A-A or 2P2L	2026	1318	1609	2967	QST30-G4
UR	.	16V/JWAC	3077	1454	1804	5360	KTA50-G3
UR ³	.	16V/2P2L	3077	1454	1804	5360	KTA50-G9
UR	.	16V/2P2L	2862	1794	2140	7185	QSK60-G5
UR	.	16V/2P2L	2862	1794	2140	7185	QSK60-G6
UR	.	16V/2P2L	2862	1794	2140	7185	QSK60-G7
UR	.	18V/2P2L	3062	1570	2031	9220	QSK78-G7
UR	.	18V/2P2L	3062	1570	2031	9220	QSK78-G8
UR	.	16V/2P2L	3654	1732	2359	12784	QSK95-G2

UR: Non-Regulated
UR²: Previously EPA Tier1
UR³: Previously EU Stage II / EPA Tier2
UR*: Emissionized version also offered

1800 RPM (60HZ), 1800 T/MN, 1800 U/MIN



Gross Engine Output		
STANDBY (ESP)	PRIME UNLIMITED TIME (PRP)	CONTINUOUS POWER (COP)
kWm (Gross)		
29	26	20
42	36	29
132	119	101
160	150	145
237	213	175
290	265	212
310	280	244
355	307	261
414	378	340
466	424	382
504	458	N/A
507	462	324
562	512	455
563	507	429
671	608	504
847	768	627
847	768	627
895	809	653
895	809	652
1000	910	776
1007	910	731
1111	1007	776
1112	1007	776
1112	1007	832
1380	1220	1000
1655	1383	1223
1900	1725	1570
2180	1975	1740
2180	1975	1740
2763	2502	2259
3028	2737	2397
3767	3213	2955

Typical Net Engine Output					
TYPICAL PARASITIC LOSS (FAN)	TYPICAL PARASITIC LOSS (ALTERNATOR)	STANDBY (ESP)	PRIME UNLIMITED TIME (PRP)	CONTINUOUS POWER (COP)	% TYPICAL GENERATOR EFFICIENCY
kWm	kWm	kWm(Net)			%
2	0.1	26	24	18	0.87
1.2	0.1	40	35	28	0.89
5.6	1.5	124	112	94	0.89
10	1.5	147	139	134	0.91
9	1.5	224	203	165	0.91
10	1.5	276	254	201	0.93
10	1.5	295	269	233	0.93
10	1.5	340	296	250	0.93
15	1.5	393	362	324	0.94
15	1.5	445	408	366	0.94
29	2.5	468	427	N/A	0.94
19	1.5	481	442	304	0.94
24	1.5	531	487	430	0.94
22	1.5	534	484	406	0.94
27	1.8	636	579	475	0.94
22	1.8	815	744	603	0.94
21	1.8	816	745	604	0.95
24.5	1.8	860	783	627	0.94
24	1.8	860	783	626	0.95
31	1.8	957	877	743	0.95
25	1.8	970	883	704	0.95
34	1.8	1064	971	740	0.95
34	1.8	1065	971	740	0.95
27	1.8	1072	978	803	0.95
36	1.8	1329	1182	962	0.95
33	1.8	1604	1348	1188	0.95
37	1.8	1842	1686	1531	0.95
45	1.8	2112	1928	1693	0.95
45	1.8	2112	1928	1693	0.95
90	2.4	2643	2410	2167	0.95
90	2.4	2906	2645	2305	0.95
78	2.4	3649	3133	2875	0.96

Typical Generator Set Output ***					
STANDBY (ESP)	PRIME UNLIMITED TIME (PRP)	CONTINUOUS POWER (COP)			
kWe	kVA	kWe	kVA	kWe	kVA
23	29	21	26	16	20
36	45	32	40	25	31
110	137	100	124	84	104
135	169	127	158	122	153
204	255	184	230	150	187
256	320	236	295	186	233
275	343	250	312	216	270
316	395	275	344	232	290
370	462	340	425	304	380
418	523	383	479	344	429
450	562	409	511	N/A	N/A
453	566	415	519	285	357
501	627	459	574	405	507
503	629	456	570	382	478
600	750	547	683	449	561
766	957	700	874	567	709
775	969	708	885	574	717
808	1010	736	920	589	736
817	1022	744	930	595	744
909	1137	833	1042	706	883
922	1152	839	1049	669	836
1011	1264	923	1153	703	879
1012	1265	923	1153	703	879
1019	1273	929	1162	763	954
1262	1578	1123	1404	914	1143
1530	1913	1286	1608	1134	1417
1750	2188	1602	2002	1455	1818
2006	2508	1832	2290	1609	2011
2006	2508	1832	2290	1609	2011
2511	3139	2289	2861	2058	2573
2760	3450	2512	3140	2189	2737
3503	4379	3007	3759	2760	3450

DUAL SPEED	ENGINE MODEL
.	X25-G4
.	X3.3-G2
.	6BTA5.9-G6
.	6BTA5.9-G6
.	6CTAA8.3-G7
.	6LTA9.5-G3
.	6LTA9.5-G1
.	QSL9-G5
.	QSG12-G3
.	QSG12-G4
.	M15-G8
.	QSX15-G7
.	QSZ13-G11
.	KTA19-G4
.	VTA28-G5
.	QSK23-G2
.	QST30-G1
.	QSK23-G3
.	QST30-G2
.	KTA38-G3
.	QST30-G3
.	KTA38-G4
.	KTA38-G14
.	QST30-G4
.	KTA50-G3
.	KTA50-G9
.	QSK60-G5
.	QSK60-G6
.	QSK60-G7
.	QSK78-G7
.	QSK78-G8
.	QSK95-G2

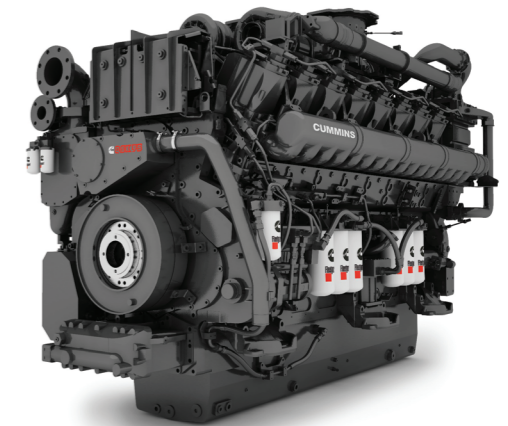
G-DRIVE ENGINES

DIESEL POWER FOR GENERATOR SETS



REGULATED EMISSIONS
50 Hz: 49-3779 kVA
60 Hz: 41-3501 kWe

UNREGULATED EMISSIONS
50 Hz: 28-3779 kVA
60 Hz: 23-3503 kWe



cummins.com

*** The genset output shown is an estimation. Consult your local application engineer for engine selection support and actual OEM genset power output calculation

