

G-DRIVE ENGINES

**DIESEL POWER
FOR GENERATOR SETS**



REGULATED EMISSIONS

50 Hz: 66-3779 kVA

60 Hz: 41-3501 kWe

UNREGULATED EMISSIONS

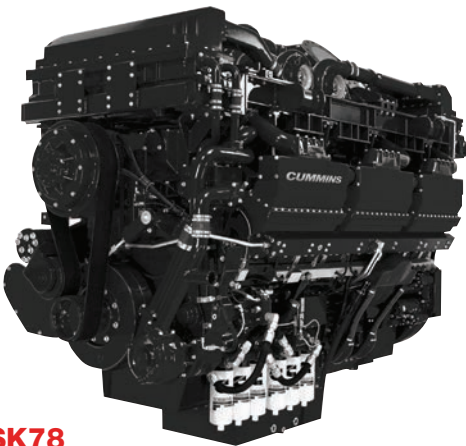
50 Hz: 28-3779 kVA

60 Hz: 23-3503 kWe

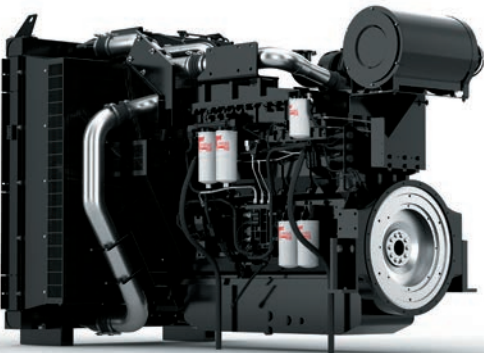


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REGULATED ENGINES



QSK78
2275-2750 kWe 60 Hz



QSK23
660-900 kVA 50 Hz / 591-800 kWe 60 Hz



QSB5/QSB7
60-220 kVA 50 Hz / 55-200 kWe 60 Hz

REGULATED EMISSIONS

ENGINE TYPES AND RATINGS

EMISSIONS	COOLPAC	NO. OF CYLINDERS/COOLING	LENGTH	WIDTH	HEIGHT	WEIGHT
			mm	mm	mm	Kg
EU Stage IIIA	■	4 inline/A-A	838	613	855	268
EU Stage IIIA	■	4 inline/A-A	838	613	855	268
EU Stage IIIA	■	4 inline/A-A	838	613	855	268
EPA Tier 3 / EU Stage IIIA ^T		4 inline/A-A	821	739	982	352
EPA Tier 4f / EU Stage IIIA ^T		4 inline/A-A	821	739	982	352
EPA Tier 3 / EU Stage IIIA ^T		4 inline/A-A	821	739	982	352
EPA Tier 3 / EU Stage IIIA ^T		4 inline/A-A	821	739	982	352
EPA Tier 3 / EU Stage IIIA ^T		4 inline/A-A	821	739	982	352
EPA Tier 4f / EU Stage IIIA ^T		4 inline/A-A	821	739	982	352
EPA Tier 3 / EU Stage IIIA ^T		4 inline/A-A	821	739	982	352
EPA Tier 3 / EU Stage IIIA ^T		4 inline/A-A	821	739	982	352
EPA Tier 4f / EU Stage V	■	6 inline/A-A	1057	732	1139	475
EPA Tier 4f / EU Stage IIIA ^T		6 inline/A-A	1057	732	1139	475
EPA Tier 3 / EU Stage IIIA ^T		6 inline/A-A	1057	732	1139	475
EPA Tier 3 / EU Stage IIIA ^T	■	6 inline/A-A	1057	732	1139	475
EPA Tier 4f / EU Stage IIIA ^T		6 inline/A-A	1057	732	1139	475
EPA Tier 4f / EU Stage V	■	6 inline/A-A	1057	732	1139	475
EPA Tier 3 / EU Stage IIIA ^T	■	6 inline/A-A	1057	732	1139	475
EPA Tier 3 / EU Stage IIIA ^T		6 inline/A-A	1128	783	1208	714
EPA Tier 3 / EU Stage IIIA ^T	■	6 inline/A-A	1128	783	1208	714
EPA Tier 4f / EU Stage V	■	6 inline/A-A	1128	783	1208	714
EPA Tier 4f / EU Stage IIIA ^T		6 inline/A-A	1128	783	1208	714
EPA Tier 3 / EU Stage IIIA ^T		6 inline/A-A	1128	783	1208	714
EPA Tier 4f / EU Stage V	■	6 inline/A-A	1128	783	1208	714
EPA Tier 4f / EU Stage V	■	6 inline/A-A	1128	783	1208	714
EPA Tier 3 / EU Stage IIIA ^T	■	6 inline/A-A	1128	783	1208	714
2g TA Luft		6 inline/A-A	1550	1143	1256	1436
EPA Tier 3 / EU Stage IIIA ^T	■	6 inline/A-A	1379	1279	1279	1245
2g TA Luft		6 inline/A-A	1550	1143	1256	1436
EPA Tier 3 / EU Stage IIIA ^T	■	6 inline/A-A	1379	1051	1279	1245
2g TA Luft		6 inline/A-A	1550	1143	1256	1436
EU Stage IIIA / 1g TA Luft		6 inline/A-A	1550	1143	1256	1436
EPA Tier 2 / 2g TA Luft		6 inline/A-A	1714	993	1723	1901
EPA Tier 2	■	6 inline/A-A	1896	1060	1633	2755
EPA Tier 2	■	6 inline/A-A	1896	1060	1633	2755
EPA Tier 2	■	6 inline/A-A	1896	1060	1633	2755
2g TA Luft		12V/2P2L	3077	1454	1804	5360
EPA Tier 2		12V/2P2L	2081	1492	1866	3825
EPA Tier 2		12V/2P2L	2081	1492	1866	3825
EPA Tier 2		12V/2P2L	2081	1492	1866	3825
EPA Tier 2 / 2g TA Luft	■	16V/2P2L	3153	1495	2357	5410
EPA Tier 2		12V/2P2L	2081	1492	1866	3825
2g TA Luft		16V/2P2L	3077	1454	1804	5360
EPA Tier 2 / 2g TA Luft	■	16V/2P2L	3153	1495	2357	5410
2g TA Luft	■	16V/2P2L	3153	1495	2357	5410
EPA Tier 2	■	16V/2P2L	3153	1495	2357	5410
EPA Tier 2	■	16V/2P2L	3153	1495	2357	5410
EPA Tier 2 / 2g TA Luft	■	16V/2P2L	2745	1590	2011	7920
EPA Tier 2 / 2g TA Luft	■	16V/2P2L	2745	1590	2011	7920
2g TA Luft	■	16V/2P2L	2862	1794	2140	7185
EPA Tier 2 / 2g TA Luft	■	16V/2P2L	2745	1590	2011	7920
EPA Tier2		18V/2P2L	3062	1570	2031	9220
2g TA Luft		16V/2P2L	3654	1732	2359	12784
EPA Tier 2		16V/2P2L	3654	1732	2359	12784

T: 2g TA Luft Compliant

1500 RPM (50HZ), 1500 T/MN, 1500 U/MIN



Gross Engine Output			Typical Generator Set Output ***					
STANDBY (ESP)	PRIME UNLIMITED TIME (PRP)	CONTINUOUS POWER (COP)	STANDBY (ESP)	PRIME UNLIMITED TIME (PRP)	CONTINUOUS POWER (COP)			
kWm (Gross)			kWe	kVA	kWe	kVA	kWe	kVA
47	41	38	39	49	34	43	32	39
57	50	46	48	60	42	53	39	48
63	58	50	53	66	49	61	42	53
75	65	59	60	75	52	65	46	58
79	72	64	63	79	58	72	51	63
84	73	66	67	83	58	72	52	65
94	81	74	76	95	66	82	59	74
103	89	81	84	105	73	91	66	82
110	98	88	91	114	82	102	73	91
113	97	88	94	118	81	101	73	91
113	97	88	94	118	81	101	73	91
134	121	108	114	143	103	129	92	115
144	128	78	123	154	110	137	64	80
160	145	131	137	171	124	155	111	139
166	150	135	143	179	130	162	116	145
174	151	134	150	188	131	163	115	144
196	168	152	170	212	146	182	131	164
204	185	167	179	223	163	204	146	183
216	197	177	188	235	172	216	154	192
213	182	152	187	234	161	201	133	166
239	206	186	208	260	180	225	162	202
257	227	193	226	283	201	251	169	211
261	238	214	226	283	207	259	185	231
278	253	227	245	306	224	280	200	250
279	245	221	245	307	216	271	194	243
287	261	234	250	313	229	286	203	254
302	274	247	264	330	241	301	216	269
300	271	227	266	332	241	302	200	250
366	333	300	321	401	293	366	262	327
374	328	295	331	414	291	364	260	325
414	377	338	367	459	336	420	300	374
419	366	330	371	464	325	407	292	364
462	418	377	408	510	371	464	333	416
509	461	415	451	564	411	514	368	460
634	574	500	572	715	522	652	452	565
665	582	433	603	753	531	663	391	488
752	660	485	684	854	604	755	440	549
791	716	537	720	900	657	821	488	611
895	806	656	808	1010	732	915	590	738
970	876	792	880	1101	800	1000	720	900
1096	989	893	1000	1250	908	1135	816	1020
1223	1107	895	1120	1400	1021	1276	818	1023
1259	1107	997	1120	1400	1021	1277	916	1146
1224	1107	933	1121	1401	1020	1276	854	1068
1228	1097	866	1121	1401	1008	1260	788	985
1400	1210	1100	1249	1562	1120	1400	1015	1268
1477	1328	1100	1361	1702	1233	1541	1014	1268
1477	1328	1100	1361	1702	1233	1541	1014	1268
1582	1421	1253	1460	1825	1321	1651	1159	1449
1630	1470	1323	1500	1875	1362	1702	1221	1526
1740	1575	1306	1602	2002	1460	1825	1202	1502
1790	1615	1305	1653	2066	1501	1877	1203	1504
1955	1727	1395	1803	2254	1602	2002	1282	1602
2539	2304	1759	2400	3000	2200	2750	1706	2133
3036	2696	2262	2824	3529	2524	3156	2106	2632
3245	2883	2593	3023	3779	2705	3381	2425	3031

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

DUAL SPEED	ENGINE MODEL
	4BTAA3.3-G16
	4BTAA3.3-G15
	4BTAA3.3-G14
■	QSB5-G1
■	QSB5-G10
■	QSB5-G2
■	QSB5-G3
■	QSB5-G4
■	QSB5-G11
■	QSB5-G5
■	QSB5-G13
■	QSB5-G12
■	QSB5-G6
■	B6.7-G17
■	QSB7-G8
■	QSB7-G3
■	QSB7-G4
■	QSB7-G9
■	B6.7-G18
■	QSB7-G5
■	QSL9-G2
■	QSL9-G3
■	L9-G17
■	QSL9-G9
■	QSL9-G4
■	L9-G18
■	L9-G19
■	QSL9-G7
■	QSL9-G11
■	QSL9-G6
■	QSL9-G12
■	QSL9-G7
■	QSL9-G13
	QSL9-G16
■	QSL9-G4
■	QSL9-G5
	QSL9-G8
	QSL9-G9
	QSL9-G1
	QSL9-G2
	QSL9-G3
■	QSL9-G2
■	QSL9-G5
	QSL9-G7
■	QSL9-G4
■	QSL9-G12
	QSL9-G1
	QSL9-G15
	QSL9-G5
	QSL9-G10

ENGINE TYPES AND RATINGS

T: 2q TA Luft Compliant

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

DUAL SPEED	ENGINE MODEL
	4BT3.3-G5
	4BTAA3.3-G18
	4BTAA3.3-G17
	4BTAA3.3-G12
■	QSB5-G1
	QSB5-G10
■	QSB5-G2
■	QSB5-G3
■	QSB5-G4
■	QSB5-G11
■	QSB5-G13
■	QSB5-G5
■	QSB5-G12
■	QSB5-G6
■	QSB7-G8
■	B6.7-G17
■	QSB7-G3
■	QSB7-G4
■	QSB7-G9
■	B6.7-G18
■	QSB7-G5
■	L9-G17
■	QSL9-G2
■	QSL9-G3
■	L9-G18
■	QSL9-G4
■	QSL9-G9
■	L9-G19
■	QSL9-G7
■	QSZ13-G6
■	QSX15-G11
■	QSZ13-G7
■	QSX15-G12
	QSX15-G13
	QSX15-G9
	X15-G17
■	QSK19-G4
	QSK19-G5
■	QSK23-G5
	QSK23-G6
	QSK23-G7
■	QST30-G5
	QSK38-G5
	QSK38-G4
■	QSK50-G2
■	QSK50-G3
■	QSK50-G12
	QSK50-G5
■	QSK50-G4
	QSK50-G6
■	QSK60-G10
■	QSK60-G12
	QSK60-G6
	QSK60-G14
	QSK78-G11
	QSK95-G9

UNREGULATED EMISSIONS

ENGINE TYPES AND RATINGS

EMISSIONS	COOLPAC	NO. OF CYLINDERS/COOLING	LENGTH	WIDTH	HEIGHT	WEIGHT
			mm	mm	mm	Kg
UR	■	3 inline/JW	1125	780	1000	325
UR	■	4 inline/JW	1190	780	1050	440
UR	■	4 inline/A-A	838	613	855	268
UR	■	6 inline/JWAC	1061	708	990	402
UR	■	6 inline/A-A	1061	708	990	402
UR	■	6 inline/A-A	1061	708	990	402
UR	■	6 inline/A-A	1129	819	1112	684
UR	■	6 inline/A-A	1129	819	1112	684
UR	■	6 inline/A-A	1195	828	1181	359
UR	■	6 inline/A-A	1128	783	1208	714
UR	■	6 inline/A-A	1195	828	1181	359
UR	■	6 inline/A-A	1295	973	1137	785
UR	■	6 inline/A-A	1295	973	1137	785
UR	■	6 inline/A-A	1550	1143	1256	1436
UR ²	■	6 inline/A-A	1550	1143	1256	1436
UR ²	■	6 inline/A-A	1379	1051	1279	1245
UR	■	6 inline/A-A	2437	1255	1841	1530
UR ²	■	6 inline/A-A	1550	1143	1256	1436
UR	■	6 inline/JWAC	1859	868	1728	1814
UR	■	12V/JWAC	1785	1330	1692	2900
UR	■	6 inline/A-A	1896	1060	1633	2755
UR	■	12V/JWAC	2026	1318	1609	2967
UR	■	6 inline/A-A	1896	1060	1633	2755
UR ³	■	12V/JWAC	2026	1318	1609	2967
UR	■	6 inline/A-A	1896	1060	1633	2755
UR	■	12V/JWAC	2387	1394	1744	4300
UR	■	12V/JWAC	2387	1394	1744	4300
UR	■	12V/JWAC	2026	1318	1609	2967
UR	■	12V/A-A or 2P2L	2026	1318	1609	2967
UR	■	12V/JWAC	2387	1394	1744	4300
UR	■	12V/JWAC	2387	1394	1744	4300
UR	■	16V/JWAC	3077	1454	1804	5360
UR	■	16V/1P2L or 2P2L	3077	1454	1804	5360
UR	■	16V/1P2L or 2P2L	3077	1454	1804	5360
UR	■	16V/2P2L	3153	1495	2357	5410
UR*	■	16V/2P2L	2745	1590	2011	7920
UR	■	16V/2P2L	2862	1794	2140	7185
UR*	■	16V/2P2L	2745	1590	2011	7920
UR	■	16V/2P2L	2862	1794	2140	7185
UR	■	16V/2P2L	2862	1794	2140	7185
UR*	■	16V/2P2L	2745	1590	2011	7920
UR	■	16V/2P2L	2745	1590	2011	7920
UR	■	18V/2P2L	3062	1570	2031	9220
UR	■	16V/2P2L	3654	1732	2359	12784
UR	■	18V/2P2L	3062	1570	2031	9220
UR	■	16V/2P2L	3654	1732	2359	12784

1500 RPM (50HZ), 1500 T/MN, 1500 U/MIN



Gross Engine Output		
STANDBY (ESP)	PRIME UNLIMITED TIME (PRP)	CONTINUOUS POWER (COP)
kWm (Gross)		
27	24	19
36	32	25
63	58	50
102	93	82
145	135	135
160	145	101
203	183	149
231	N/A	N/A
280	250	200
310	268	228
320	290	254
369	332	299
409	371	334
407	366	257
459	414	291
469	410	369
509	463	412
500	444	317
504	448	355
612	560	492
634	574	433
701	634	485
724	656	485
768	698	537
768	701	537
895	806	657
895	806	656
895	806	634
970	880	683
970	880	656
970	880	656
1227	1097	900
1429	1200	1100
1429	1287	1100
1477	1328	1100
1630	1470	1323
1630	1455	1300
1740	1575	1306
1790	1615	1305
1790	1615	1305
1915	1730	1415
1955	1727	1395
2164	1727	1395
2539	2304	2072
3245	2883	2593
2539	2304	2072
3245	2883	2593

Typical Generator Set Output ***					
STANDBY (ESP)		PRIME UNLIMITED TIME (PRP)		CONTINUOUS POWER (COP)	
kWe	kVA	kWe	kVA	kWe	kVA
22	28	20	26	16	20
31	38	28	35	21	27
54	67	50	62	43	53
88	110	80	100	70	88
120	150	113	141	113	141
136	170	124	155	83	104
176	220	160	200	128	160
201	251	N/A	N/A	N/A	N/A
242	302	217	271	171	214
276	345	240	300	202	253
281	352	256	321	223	279
327	409	296	370	265	332
364	455	333	416	298	372
364	455	330	412	228	285
411	514	373	466	258	323
416	520	365	456	327	408
454	568	416	520	369	461
449	561	401	501	282	352
450	562	402	503	315	394
580	700	517	646	453	566
580	725	529	662	396	495
640	800	583	729	443	554
660	825	603	754	442	552
701	876	642	802	489	611
720	900	663	829	505	631
816	1020	741	926	600	750
816	1020	741	926	600	750
816	1020	741	926	578	722
883	1103	806	1008	619	774
887	1109	811	1014	600	750
888	1110	812	1015	600	750
1141	1426	1028	1285	839	1048
1340	1675	1133	1416	1036	1295
1340	1675	1216	1521	1036	1295
1360	1700	1231	1539	1012	1266
1500	1875	1361	1702	1220	1525
1513	1891	1360	1700	1211	1514
1603	2004	1461	1826	1202	1502
1652	2065	1501	1876	1203	1504
1652	2065	1501	1876	1203	1504
1800	2250	1638	2047	1331	1664
1804	2255	1603	2004	1282	1603
2004	2505	1603	2004	1282	1603
2400	3000	2200	2750	1956	2445
2004	2505	1603	2004	1282	1603
2400	3000	2200	2750	1956	2445
3023	3779	2705	3381	2425	3031

DUAL SPEED	ENGINE MODEL
	X2.5-G2
	X3.3-G1
	4BTAA3.3-G13
	6BTAA5.9-G5
■	6BTAA5.9-G6*
	6BTAA5.9-G7
■	6CTAA8.3-G7
■	6CTAA8.3-G9
■	6LTAA9.5-G3
	QSL9-G5
■	QSG12-G3
■	QSG12-G4
■	QSG15-G4
■	QSG15-G6
■	QSZ13-G5
■	QSZ13-G10
	QSZ13-G10
■	QSK15-G8
■	KTA19-G4
■	VTA28-G5*
■	QSK23-G1
■	QST30-G1
■	QSK23-G2
■	QST30-G2
■	QSK23-G3
	KTA38-G6
■	KTA38-G3
■	QST30-G3
■	QST30-G4
	KTA38-G5
■	KTA38-G14
■	KTA50-G3
	KTA50-G8
	KTA50-GS8
■	QSK50-G11
■	QSK60-G10
	QSK60-G2
■	QSK60-G12
■	QSK60-G7
	QSK60-G3
	QSK60-G4
	QSK60-G11
	QSK60-G13
	QSK78-G9
	QSK95-G4
	QSK78-G9
	QSK95-G4

UR: Non-Regulated
UR: Previously EPA Tier1

UR: Previously EU Stage II / EPA Tier2
UR: Emissionized version also offered

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

UNREGULATED EMISSIONS

ENGINE TYPES AND RATINGS

EMISSIONS	COOLPAC	NO. OF CYLINDERS/COOLING	LENGTH	WIDTH	HEIGHT	WEIGHT
			mm	mm	mm	Kg
UR	■	3 inline/JW	1125	780	1000	325
UR	■	4 inline/JW	1190	780	1050	440
UR	■	6 inline/JWAC	1061	708	990	402
UR	■	6 inline/A-A	1061	708	990	402
UR	■	6 inline/A-A	1129	819	1112	684
UR	■	6 inline/A-A	1129	819	1112	684
UR	■	6 inline/A-A	1195	828	1181	359
UR	■	6 inline/A-A	1195	828	1181	359
UR	■	6 inline/A-A	1128	783	1208	714
UR	■	6 inline/A-A	1295	973	1137	785
UR	■	6 inline/A-A	1295	973	1137	785
UR	■	6 inline/A-A	1550	1143	1256	1436
UR	■	6 inline/A-A	1550	1143	1256	1436
UR	■	6 inline/A-A	1550	1143	1256	1436
UR ²	■	6 inline/A-A	1379	1051	1279	1245
UR ²	■	6 inline/A-A	1550	1143	1256	1436
UR	■	6 inline/A-A	2437	1255	1841	1530
UR	■	6 inline/JWAC	1859	868	1728	1814
UR	■	12V/JWAC	1785	1330	1692	2900
UR	■	6 inline/A-A	1896	1060	1633	2755
UR	■	6 inline/A-A	1896	1060	1633	2755
UR	■	12V/JWAC	2026	1318	1609	2967
UR	■	6 inline/A-A	1896	1060	1633	2755
UR ³	■	12V/JWAC	2026	1318	1609	2967
UR	■	12V/JWAC	2387	1394	1744	4300
UR	■	12V/JWAC	2026	1318	1609	2967
UR	■	12V/JWAC	2387	1394	1744	4300
UR	■	12V/JWAC	2387	1394	1744	4300
UR	■	12V/JWAC	2026	1318	1609	2967
UR	■	16V/JWAC	3077	1454	1804	5360
UR	■	16V/2P2L	3153	1495	2357	5410
UR ³	■	16V/1P2L or 2P2L	3077	1454	1804	5360
UR	■	16V/2P2L	2862	1794	2140	7185
UR	■	16V/2P2L	2745	1590	2011	7920
UR	■	16V/2P2L	2745	1590	2011	7920
UR	■	16V/2P2L	2862	1794	2140	7185
UR	■	16V/2P2L	2862	1794	2140	7185
UR	■	18V/2P2L	3062	1570	2031	9220
UR	■	18V/2P2L	3062	1570	2031	9220
UR	■	16V/2P2L	3654	1732	2359	12784
UR	■	18V/2P2L	3062	1570	2031	9220
UR	■	18V/2P2L	3062	1570	2031	9220
UR	■	16V/2P2L	3654	1732	2359	12784

UR: Non-Regulated
UR²: Previously EPA Tier1

UR²: Previously EU Stage II / EPA Tier2
UR³: 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
263	N/A	N/A
290	265	212
310	280	244
355	307	261
414	378	340
466	424	382
455	414	295
455	414	295
455	414	295
500	450	412
511	463	325
562	512	455
563	507	429
671	608	504
675	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
1656	1470	1223
1655	1383	1223
1900	1725	1570
2032	1830	1647
2180	1975	1740
2180	1975	1740
2180	1975	1740
2763	2502	2259
3028	2737	2397
3767	3213	2955
2763	2502	2259
3028	2737	2397
3767	3213	2955

Typical Generator Set Output ***					
STANDBY (ESP)	PRIME UNLIMITED TIME (PRP)	CONTINUOUS POWER (COP)	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
227	283	N/A	N/A	N/A	N/A
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
407	509	373	466	261	326
407	509	373	466	261	326
407	509	373	466	261	326
446	558	404	505	368	460
456	570	416	520	286	358
501	627	459	574	405	507
503	629	456	570	382	478
600	750	547	683	449	561
607	758	550	688	452	565
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
1512	1890	1351	1689	1116	1396
1530	1913	1286	1608	1134	1417
1750	2188	1602	2002	1455	1818
1875	2343	1701	2126	1527	1908
2004	2504	1829	2286	1604	2005
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
2511	3139	2289	2861	2058	2573
2760	3450	2512	3140	2189	2737
3503	4379	3007	3759	2760	3450

DUAL SPEED	ENGINE MODEL
	X2.5-G4
	X3.3-G2
	6BTA5.9-G6
■	6BTA5.9-G6*
■	6CTAA8.3-G7
■	6CTAA8.3-G9
■	6LTAA9.5-G3
■	6LTAA9.5-G1
■	QSL9-G5
■	QSG12-G3
■	QSG12-G4
■	QSK15-G6
■	QSK15-G4
■	QSK15-G8
■	QSZ13-G5
	QSK15-G7
	QSZ13-G11
■	KTA19-G4
■	VTA28-G5*
■	QSK23-G1
■	QSK23-G2
■	QST30-G1
■	QSK23-G3
■	QST30-G2
■	KTA38-G3
■	QST30-G3
	KTA38-G4
■	KTA38-G14
■	QST30-G4
■	KTA50-G3
■	QSK50-G11
	KTA50-G9
	QSK60-G5
■	QSK60-G10
■	QSK60-G12
	QSK60-G6
■	QSK60-G7
	QSK78-G7
	QSK78-G8
	QSK95-G2
	QSK78-G7
	QSK78-G8
	QSK95-G2

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

NOTES



1. Gross engine performance is in accordance with ISO3046 (BS5514 & DIN 6271 standards are based on ISO3046).
2. The Gross engine outputs on B & C Series are for a run-in engine.
3. The quoted typical output ratings are not guaranteed. Refer to AEB10.47 for Cummins preferred method of power output calculation.
4. Quoted gross standby ratings relate to nominal power output capability of the engine. These are certified +/-5%.
5. For definition of power output refer to Cummins power rating application guidelines (AEB26.02), which are based on ISO8528.
6. kVA figures are calculated using a 0.8 power factor.
7. Dimensions quoted are **engine only**, and do not include factory-fitted air cleaners or radiator fan on Coolpac models.
8. VTA28-G5* hardware change needed between 1500 rpm and 1800 rpm.
9. 6BTAA5.9 G6* Sedemac governor software change needed between 1500rpm and 1800rpm

EMISSIONS NOTE:

EPA T = U.S. EPA Tier compliance. EU S = European Stage compliance.

REMARQUES



1. Les performances brutes moteurs sont conformes à ISO 3046 (les normes BS 5514 et DIN 6271 sont basées sur ISO 3046).
2. Les puissances brutes des moteurs série 'B' et 'C' sont données pour des moteurs rodés.
3. Les puissances indiquées ne sont pas garanties : Pour le calcul des puissances, veuillez vous reporter aux recommandations Cummins AEB 10.47.
4. Les puissances brutes "secours" sont les puissances maximales des moteurs. Ces valeurs sont certifiées à $\pm 5\%$.
5. Pour les définitions des puissances des groupes électrogènes, veuillez vous reporter aux recommandations Cummins AEB 26.02, basées sur la Norme ISO 8528.
6. kVA: les valeurs sont calculées avec un cos phi de 0.8.
7. Les dimensions indiquées **ne concernent que le moteur**, les filtres à air ainsi que les ventilateurs montées d'usine ne sont pas inclus.
8. La configuration moteur du VTA28-G5* nécessite un changement entre 1500 tr/min et 1800 tr/min.
9. 6BTAA5.9 G6* Modification du logiciel du régulateur Sedemac nécessaire entre 1500 tr/min et 1800 tr/min

REMARQUES SUR LES EMISSIONS:

EPA T = Aux normes de la législation d'émissions U.S. EPA Tier.

EU S = Aux normes de la législation Européenne d'émissions.

ANMERKUNGEN



1. Die Bruttoleistungen entsprechen der ISO-Norm 3046 (die BS-Norm 5514 und die DIN Norm 6271 basieren auf ISO3046).
2. Die bei den Motormodellen der Serien 'B' und 'C' angegebenen Bruttoleistungen beziehen sich auf Motoren in der Einlaufzeit.
3. Die angegebenen typischen Leistungen sind nicht garantiert. Wir verweisen auf Cummins AEB 10.47 als Leistungskalkulation.
4. Die angegebenen Bruttoleistungen für Notstrom haben keine Leistungsreserven und können bis zu 5% schwanken.
5. Die Definition der Leistungsangaben ist festgeschrieben in den Cummins Einbaurichtlinien AEB 26.02, welche auf der ISO 8528 basieren.
6. Die errechneten kVA Werte basieren auf einem Leistungsfaktor von 0.8.
7. Die Massangaben gelten **nur für den Motor**. Luftfilter, Lüfterräder oder Kühler sind darin nicht enthalten.
8. VTA28-G5* mechanischer Umbau notwendig zwischen 1500 rpm und 1800 rpm Betrieb.
9. 6BTAA5.9 G6* Softwareänderung des Sedemac-Reglers zwischen 1500 U/min und 1800 U/min erforderlich

ANMERKUNG ZU EMISSIONEN:

EPA T = Zertifiziert nach US EPA Tier. EU S = Zertifiziert nach EU Gesetzgebung.



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NOTAS



1. El rendimiento bruto del motor está de acuerdo con las normas ISO3046 (BS5514 y DIN 6271 los estándares se basan en ISO3046).
2. La potencia bruta del motor en las serie B y C son para un motor en funcionamiento.
3. Las potencias de salida típicas citadas no están garantizadas. Consulte AEB10.47 para conocer el método preferido de Cummins para el cálculo de la potencia de salida.
4. Los valores brutos de Standby citados se refieren a la capacidad de potencia nominal de salida del motor. Estos están certificados +/- 5%.
5. Para la definición de salida de potencia, consulte directrices de aplicación de calificación energética de Cummins (CEB 00322), que se basan en ISO8528.
6. Las cifras en kVA se calculan usando un factor de potencia de 0.8.
7. Las dimensiones ofertadas son **sólo del motor**, y no incluyen los Filtros o el ventilador del radiador montados de fábrica en los modelos Coolpac.
8. El hardware del modelo VTA28-G5* necesita un cambio de 1500 rpm a 1800 rpm.
9. 6BTAA5.9 G6* Cambio de software del gobernador Sedemac necesario entre 1500rpm y 1800rpm

NOTA DE EMISIONES:

EPA T = U.S. EPA Nivel de cumplimiento. EU S = Cumplimiento de la conformidad europea.

NOTLAR



1. Brüt motor performansı ISO3046'ya göredir (BS5514 ve DIN 6271 standartları ISO3046'yı esas alır).
2. B ve C Serilerindeki Brüt motor çıkış gücü değerleri rodajdaki motor içindir.
3. Teklif edilen tipik çıkış değerleri garanti edilmez. Cummins tarafından tercih edilen güç çıkışı hesaplaması için AEB10.47'ye bakın.
4. Teklif edilen brüt standby değerleri, motorun nominal çıkış gücü kapasitesi ile ilgilidir. Bunlar +/-%5 sertifikalıdır.
5. Güç çıkışının tanımı için ISO8528'i esas alan Cummins güç derecesi uygulama kılavuzlarına (AEB26.02) bakın.
6. kVA değerleri 0,8 güç faktörü kullanılarak hesaplanmıştır.
7. Bu teklifte **sadece motora** ait ölçüler belirtilmiştir. Bu ölçüler fabrikada monte edilen Hava Filtrelerini veya Coolpack modeldeki Radyatör fanını içermemektedir.
8. VTA28-G5* modeli için 1500 rpm ve 1800 rpm arasında donanım değişikliği gerekmektedir.
9. 6BTAA5.9 G6* Sedemac regülatör yazılımının 1500rpm ile 1800rpm arasında değişmesi gerekiyor

EMİSYON NOTU:

EPA T: U.S. EPA Tier ile uyumlu. EU S = Avrupa emisyon seviyesi ile uyumlu.

NOTE DI RIFERIMENTO



1. La prestazione lorda del motore è conforme alla ISO3046 (gli standard BS5514 & DIN 6271 si basano sulla ISO3046).
2. Le potenze lorde del motore per le serie B & C si riferiscono al motore rodato.
3. Le potenze tipiche indicate non sono garantite. Consultare il CEB 00150 per i criteri di calcolo delle potenze elettriche impiegati da Cummins.
4. I valori di potenza lorda di standby dichiarati si riferiscono alla potenza nominale del motore. Questi valori sono certificati al +/-5%.
5. Per la definizione di potenza di gruppi elettrogeni, consultare il manuale "Power Rating Application Guidelines for G-Drive Engines" di Cummins (CEB 00322) basato sulle norme ISO8528.
6. I kVA sono calcolati con un fattore di potenza pari allo 0.8.
7. Le dimensioni riportate sono relative al **solo motore** e non includono né i filtri aria né la ventola del radiatore installati dalla fabbrica sui modelli Coolpac.
8. Il VTA28-G5* richiede una modifica hardware per convertire la velocità da 1500 rpm a 1800 rpm e viceversa.
9. 6BTAA5.9 G6* Modifica del software del regolatore Sedemac necessaria tra 1500 giri/min e 1800 giri/min

NOTA SULLE EMISSIONI:

EPA T = conforme a U.S. EPA Tier. EU S = conforme all'European Stage.