



Alternator Matching Guide

STAMFORD and AvK alternators can be matched with any Cummins marine auxiliary engine for a custom configuration. All ratings are 415V and heat exchanger cooled. Other ratings are available upon request. This list matches each auxiliary engine to the appropriately sized Cummins alternator, using standard sizing calculations. For more information, contact your regional Cummins Generator Technologies office by visiting www.cumminsgeneratortechnologies.com/en/contactus/

50 Hz Fixed Speed Ratings

kW	BHP	Engine Model	STAMFORD	AvK	kWe	kVa
91	122	6BT5.9-DM	UCM274E	-	84	105
122	164	6CT8.3-DM	UCM274F	-	112	140
163	219	6CTA8.3-DM	HCM434C	-	150	187
164	220	QSB7-DM	HCM434C	-	151	189
265	355	QSM11-DM	HCM434F	-	244	305
358	480	KTA19-DM1	HCM534D	-	340	425
410	550	KTA19-DM1	HCM534E	-	390	487
433	580	QSK19-DM	HCM534E	DSG62 M1/4	411	514
746	1000	KTA38-DM1	HCM634K	DSG62 L1/4	709	886
984	1320	QSK38-DM1	PM734C	DSG74 M1/4	935	1169
1097	1470	KTA50-DM1	PM734D	DSG74 M1/4	1042	1303
1291	1730	QSK50-DM1	PM734F	DSG74 M2/4	1226	1533
1563	2095	QSK60-DM1	PM734G	DSG74 L2/4	1436	1795
2500	3353	QSK95-DM	-	DSG99 K1/4	2400	3000

QSK60 Fixed Speed Ratings

kW	BHP	Engine Model	STAMFORD	AvK	kWe	kVa
112	150	6BT5.9-DM	UCM274E	-	103	129
140	188	6CT8.3-DM	UCM274F	-	129	161
201	270	6CTA8.3-DM	HCM434C	-	185	231
210	282	QSB7-DM	HCM434C	-	193	242
317	425	QSM11-DM	HCM434F	-	292	365
425	570	KTA19-DM1	HCM534D	-	404	505
485	650	KTA19-DM1	HCM534E	-	461	576
563	755	QSK19-DM	HCM534F	DSG62 M1/4	535	669
970	1300	KTA38-DM1	HCM634K	DSG62 L2/4	922	1152
1044	1400	QSK38-DM1	PM734B	DSG62 L2/4	992	1240
1291	1730	KTA50-DM1	PM734D	DSG74 M2/4	1226	1533
1343	1800	QSK50-DM1	PM734D	DSG74 M2/4	1276	1595
1900	2547	QSK60-DM	PM734G	DSG74 L2/4	1796	2245
3000	4023	QSK95-DM	-	DSG99 K1/4	2882	3602