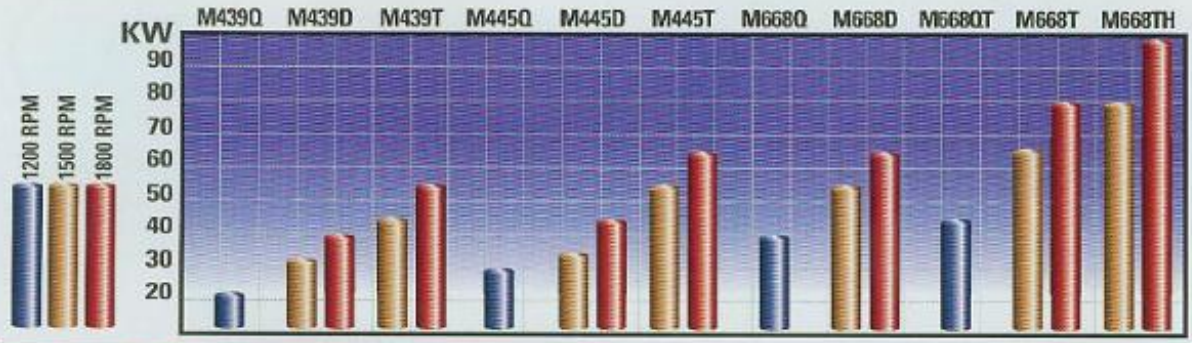

1800 and 1500 RPM Sets

Model Number		M439D	M445D	M439T	M445T	M668D	M668T	M668TH
AC Output[1]								
1800 RPM, 60 Hz		40 kW	45 kW	55 kW	65 kW	65 kW	80 kW	99 kW
1500 RPM, 50 Hz		33 kW	35 kW	45 kW	50 kW	50 kW	66 kW	80 kW
Phase		Available in Single or Three Phase Output						
RPM/ Hz		Available in 1800 RPM/60 Hz and 1500 RPM/ 50 Hz						
Voltages 60 Hz		60 Hz- 120/208, 120/240, 127/220, 139/240, 220/380, 240/416, 254/440 and 277/480						
Voltages 50 Hz		50 Hz- 110/190, 110/220, 115/230, 120/208, 127/220, 220/380, 240/416						
Engine								
Aspiration		Natural	Natural	Turbo	Turbo	Natural	Turbo	Turbo
Cylinders		Inline 4	Inline 4	Inline 4	Inline 4	Inline 6	Inline 6	Inline 6
Displacement	cu. in. (l)	239 (3.9)	276 (4.5)	239 (3.9)	276 (4.5)	414 (6.8)	414 (6.8)	414 (6.8)
Bore	in (mm)	4.2 (106)	4.2 (106)	4.2 (106)	4.2 (106)	4.2 (106)	4.2 (106)	4.2 (106)
Stroke	in (mm)	4.3 (110)	5.0 (127)	4.3 (110)	5.0 (127)	5.0 (127)	5.0 (127)	5.0 (127)
HP at 1800 RPM[2]		58	66	82	97	97	120	147
Specific Fuel Rate[3]	lb/bhp/hr	0.353	0.355	0.369	0.353	0.344	0.332	0.332
Approx. Fuel Rate[4]	gph(lph)	2.9 (10.8)	3.3 (12.5)	4.8 (18.2)	4.8 (18.2)	4.7 (17.8)	6.9 (26.1)	6.9 (26.1)
Dimensional Data[5]								
Length	in (mm)	65.2 (1656)	65.2 (1656)	68.9 (1750)	68.9 (1750)	79.8 (2025)	79.8 (2025)	83 (2108)
Width	in (mm)	27.5 (698)	27.5 (698)	27.5 (698)	27.5 (698)	27.5 (698)	27.5 (698)	27.5 (698)
Height	in (mm)	37.7 (957.5)	39 (991)	39 (991)	39 (9991)	38.8 (985.5)	38.75 (984)	39.75 (1009.6)
Approximate Weight	lbs (kgs)	1645 (746)	1743 (791)	2039 (926)	2271 (1030)	2178 (988)	2712 (1230)	2857 (1296)

1200 RPM, Q-Series Sets

Model Number		M439Q	M445Q	M668Q	M668QT
AC Output[1]					
1200 RPM, 60 Hz		22 kW	30 kW	40 kW	50 kW
Phase		Available in single or three phase			
Voltages 60 Hz		120/208, 120/240, 127/220, 139/240, 220/380, 240/416, 254/440 and 277/480			
Engine					
Aspiration		Natural	Natural	Natural	Turbo
Cylinders		Inline 4	Inline 4	Inline 6	Inline 6
Displacement	cu. in. (l)	239 (3.9)	276 (4.5)	414 (6.8)	414 (6.8)
Bore	in (mm)	4.2 (106)	4.2 (106)	4.2 (106)	4.2 (106)
Stroke	in (mm)	4.3 (110)	5.0 (127)	5.0 (127)	5.0 (127)
HP at 1200 RPM[2]		33	45	60	75
Specific Fuel Rate[3]	lb/bhp/hr	0.378	0.395	0.378	0.370
Approx. Fuel Rate[4]	gph(lph)	1.8 (6.8)	2.5 (9.5)	3.2 (12.1)	3.9 (14.8)
Dimensional Data[5]					
Length	in (mm)	68 (1727)	68 (1727)	79 (2007)	83 (2108)
Width	in (mm)	27.5 (698)	27.5 (698)	27.5 (698)	27.5 (698)
Height	in (mm)	37.7 (957.5)	39 (991)	39 (991)	39.75 (1009.6)
Approx Weight	lbs (kgs)	1766 (801)	1791 (812)	2220 (1007)	2857 (1296)

1. Prime kW rating. 1 kW equals 1000 watts. 0.8 power factor.
2. Net flywheel hp rating for fully equipped engine at 1800 (1200) RPM under SAE J816b.
3. Based on prime HP rating at 1800 (1200) RPM.
4. Based on prime kW rating at 1800 (1200) RPM. Fuel rate may vary depending on operating conditions.
5. Installation data for units with standard mounts, heat exchanger cooling and 3 phase generator ends. Dimensions and weight are effected by optional equipment, AC output and cooling configuration. Contact factory for more information.