

MARINE OUTBOARD MOTOR APPLICATION GUIDE

Important Note: Custom fit battery shown meets manufacturer's **minimum** requirements. Upgrade to higher capacity battery, if necessary, to accommodate added electronic equipment such as GPS, depth finders, radio, live wells, etc.

OUTBOARD MODEL'S	MANUFACTURERS RECOMMENDED BATTERY MINIMUM SPECIFICATIONS	FLOODED				ABSORBED GLASS MAT (AGM)	
		EPM CUSTOM FIT ABOVE 32°F	EPM OPTIONS ABOVE 32°F	EPM CUSTOM FIT BELOW 32°F	EPM OPTIONS BELOW 32°F	EPM CUSTOM FIT ABOVE 32°F	EPM OPTIONS ABOVE 32°F
JOHNSON / EVINRUDE							
Material Obtained From: 2004 Bombardier Motor Corporation of America							
2-Stroke							
V4 Carbureted & 9.9-50 Carbureted	360 CCA (465 MCA), 50 amp-hr minimum	24M5	24M6 24M7 27M6*# DP24* DP27*# DP31DT*#	24M6	24M7 27M6*# DP24* DP27*# DP31DT*#	8A24M	9A34M 8A27M # 8A31DTM #
V4 Direct-Injection & V6 Carbureted	500 CCA (620 MCA), 60 amp-hr minimum, or 675 CCA (845 MCA) below 32°F	24M7	27M6*# DP24* DP27*# DP31DT*#	24M7	27M6*#	9A34M	8A27M # 8A31DTM #
V6 Direct-Injection	675 CCA (845 MCA) or 750 CCA (940 MCA) below 32°F	24M7	27M6*#	24M7	27M6*#	9A34M	9A34M
40hp-90hp Evinrude E-TEC	640 CCA (800 MCA), or 800 CCA (1000 MCA) below 32°F	24M6	24M7 27M6*# DP31DT*#	24M7	24M7	9A34M	8A31DTM #
4-Stroke							
25hp-30hp	360 CCA (465 MCA), 50 amp-hr minimum	24M5	24M6 24M7 27M6*# DP24* DP27*# DP31DT*#	24M6	24M7 27M6*# DP24* DP27*# DP31DT*#	8A24M	9A34M 8A27M # 8A31DTM #
40hp-140hp	500 CCA (620 MCA), 60 amp-hr minimum, or 675 CCA (845 MCA) below 32°F	24M7	27M6*# DP24* DP27*# DP31DT*#	24M7	27M6*#	9A34M	8A27M # 8A31DTM #
All V6 (4-Stroke)	675 CCA (845 MCA) or 750 CCA (940 MCA) below 32°F	24M7	27M6*#	24M7	27M6*#	9A34M	9A34M
YAMAHA MOTOR'S							
2004 Rigging Guide							
2-Stroke							
50hp and below	245 CCA (323 MCA) 52 RC @ 25 AMPS	24M4	24M5 24M6 24M7 27M6*# DP24* DP27*# DP31DT*#	24M5	24M6 24M7 27M6*# DP24* DP27*# DP31DT*#	AGM not recommended	

* Vented pod. Check electrolyte levels. Keep terminals clean.

Replacement battery may be longer, taller and/or wider than O.E.
Replacement of tray/hold-down or battery box may be required.

† Meets CCA only

(2) Two batteries in parallel to meet required specifications

Important Note: Custom fit battery shown meets manufacturer's *minimum* requirements. Upgrade to higher capacity battery, if necessary, to accommodate added electronic equipment such as GPS, depth finders, radio, live wells, etc.

OUTBOARD MODEL'S	MANUFACTURERS RECOMMENDED BATTERY MINIMUM SPECIFICATIONS	FLOODED				ABSORBED GLASS MAT (AGM)	
		EPM CUSTOM FIT ABOVE 32°F	EPM OPTIONS ABOVE 32°F	EPM CUSTOM FIT BELOW 32°F	EPM OPTIONS BELOW 32°F	EPM CUSTOM FIT ABOVE 32°F	EPM OPTIONS ABOVE 32°F
YAMAHA MOTOR'S (continued)							
2-Stroke (continued)							
60hp-150hp Carburetor	380 CCA (502 MCA) 124 RC @ 25 AMPS	24M7 DC24*	27M6*# DP24* DP27*# DP31DT*#	24M7 DC24*	27M6*# DP24* DP27*# DP31DT*#	AGM not recommended	
2.6L 150hp-200hp EFI	380 CCA (502 MCA) 124 RC @ 25 AMPS	24M7 DC24*	27M6*# DP24* DP27*# DP31DT*#	24M7 DC24*	27M6*# DP24* DP27*# DP31DT*#		
3.1L 200hp-250hp EFI	512 CCA (675 MCA) 182 RC @ 25 AMPS	27M6*#	DP31DT*#	27M6*#	DP31DT*#		
150hp-300hp HPDI	512 CCA (675 MCA) 182 RC @ 25 AMPS	27M6*#	DP31DT*#	27M6*#	DP31DT*#		
4-Stroke							
F20hp and below	245 CCA (323 MCA) 52RC @ 25 AMPS	24M4 DC24*	24M5 24M6 24M7 27M6*# DP24* DP27*# DP31DT*#	24M6	24M7 27M6*# DP24* DP27*# D31DT*#	AGM not recommended	
F30hp-F115hp	380 CCA (502 MCA) 124 RC @ 25 AMPS	24M7 DC24*	27M6*# DP24* DP27*# DP31DT*#	24M7 DC24*	27M6*# DP24* DP27*# DP31DT*#		
F200hp-F225hp	512 CCA (675 MCA) 182 RC @ 25 AMPS	27M6*#	DP31DT*#	27M6*#	DP31DT*#		
HONDA MARINE							
2005 Rigging Guide							
BF8D - BF9.9D	270 CCA (350 MCA) 35 AH Minimum	24M4	24M5 24M6 24M7 27M6*# DP24* DP27*# DP31DT*#	24M5	24M6 24M7 27M6*# DP24* DP27*# DP31DT*#	8A24M	9A34M 8A27M # 8A31DTM #
BF15D - BF20D	270 CCA (350 MCA) 35 AH Minimum Engine Only	24M4	24M5 24M6 24M7 27M6*# DP24* DP27*# DP31DT*#	24M5	24M6 24M7 27M6*# DP24* DP27*# DP31DT*#	8A24M	9A34M 8A27M # 8A31DTM #
BF25D - BF30D	420 CCA (546 MCA) 65 AH Minimum Engine Only	24M7	27M6*# DP24* DP27*# DP31DT*#	24M7	27M6*# DP27*# DP31DT*#	8A24M	9A34M 8A27M # 8A31DTM #
BF40A - BF50A	420 CCA (546 MCA) 65 AH Minimum Engine Only	24M7	27M6*# DP24* DP27*# DP31DT*#	24M7	27M6*# DP27*# DP31DT*#	8A24M	9A34M 8A27M # 8A31DTM #

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		EPM CUSTOM FIT ABOVE 32°F	EPM OPTIONS ABOVE 32°F	EPM CUSTOM FIT BELOW 32°F	EPM OPTIONS BELOW 32°F	EPM CUSTOM FIT ABOVE 32°F	EPM OPTIONS ABOVE 32°F
MERCURY MARINE (continued)							
Verado 4-Stroke							
220hp / 225hp / 300hp	800 CCA (1000 MCA)	24M7	24M7	(2) 24M5	(2) 24M6 (2) 24M7	(2) 8A24M	(2) 9A34M (2) 8A27M #
SUZUKI MARINE OUTBOARD MOTORS							
Battery Size Recommendations 2005 "K5" Rigging Guide							
DF9.9 - DF15	274 CCA or over 52 RC / 35 AH	24M4	24M5 24M6 24M7 27M6*# DP24* DP27*# DP31DT*#	24M4	24M5 24M6 24M7 27M6*# DP24* DP27*# DP31DT*#	9A34M	8A24M 8A27M # 8A31DTM #
DF25 - DF30	389 CCA or over 115 RC / 70 AH	DC24*	27M6*# DP31DT*#	DC24*	27M6*# DP31DT*#	9A34M	8A24M 8A27M # 8A31DTM #
DF40 - DF50	389 CCA or over 115 RC / 70 AH	DC24*	27M6*# DP31DT*#	DC24*	27M6*# DP31DT*#	9A34M	8A24M 8A27M # 8A31DTM #
DF60 - DF70	512 CCA or over 160 RC / 100 AH	27M6*#	DP31DT*#	27M6*#	DC31DT*#	8A31DTM	8A31DTM #
DF90 - DF115 - DF140	512 CCA or over 160 RC / 100 AH	27M6*#	DP31DT*#	27M6*#	DC31DT*#	8A31DTM	8A31DTM #
D250	682 CCA / 190 RC / 100 AH	(2) 24M6	(2) 24M7	(2) 24M6	(2) 24M7	(2) 8A24M	(2) 9A34M

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		EPM CUSTOM FIT ABOVE 32°F	EPM OPTIONS ABOVE 32°F	EPM CUSTOM FIT BELOW 32°F	EPM OPTIONS BELOW 32°F	EPM CUSTOM FIT ABOVE 32°F	EPM OPTIONS ABOVE 32°F
HONDA MARINE (continued)							
BF75A - BF90A	550 CCA (715 MCA) 70 AH Minimum Engine Only	24M7	27M6*# DP27*# DP31DT*#	24M7	27M6*# DP27*# DP31DT*#	9A34M	8A27M # 8A31DTM #
BF115A - BF135 - BF150A	622 CCA (809 MCA) 80 AH Minimum Engine Only	27M6*#	DP27*# DP31DT*#	27M6*#	27M6*#	8A31DTM	(2) 8A24M (2) 9A34M
BF200A - BF225A	800 CCA (1040 MCA) 100 AH Minimum	(2) 24M6	(2) 24M7 (2) 27M6*# (2) DP24* (2) DP27*# (2) DP31DT*#	(2) 24M6	(2) 24M7 (2) 27M6*# (2) DP24* (2) DP27*# (2) DP31DT*#	(2) 8A24M	(2) 9A34M (2) 8A27M # (2) 8A31DTM #
MERCURY MARINE							
2004 Mercury General Rigging Guide							
2-Stroke							
6hp - 60hp	350 CCA (465 MCA)	24M4	24M5 24M6 24M7 27M6*# DP24* DP27*# DP31DT*#	24M5	24M6 24M7 27M6*# DP27*# DP31DT*#	8A24M	9A34M 8A27M # 8A31DTM #
75hp - 125hp	450 CCA (525 MCA)	24M5	24M6 24M7 27M6*# DP24* DP27*# DP31DT*#	24M6	24M7 27M6*# DP31DT*#	8A24M	9A34M 8A27M # 8A31DTM #
V6 Models	490 CCA (630 MCA)	24M5	24M6 24M7 27M6*# DP24* DP27*# DP31DT*#	24M6	24M7 27M6*#	9A34M	8A27M # 8A31DTM #
OptiMax - All Models	750 CCA (1000 MCA)	24M7	27M6*# †	(2) 24M5	(2) 24M6 (2) 24M7	9A34M †	9A34M †
4-Stroke							
9.9hp - 25hp	350 CCA (465 MCA)	24M4	24M5 24M6 24M7 27M6*# DP24* DP27*# DP31DT*#	24M5	24M6 24M7 27M6*# DP27*# DP31DT*#	8A24M	9A34M 8A27M # 8A31DTM #
30hp - 115hp	350 CCA (750 MCA) above 32°F 750 CCA below 32°F	24M4	24M5 24M6 24M7 27M6*# DP24* DP27*# DP31DT*#	24M7	27M6*#	8A24M	9A34M 8A27M # 8A31DTM #

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