BANSHEE™ MARINE BATTERY

MARINE OUTBOARD MOTOR APPLICATION GUIDE

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

OUTBOARD MODELS	MANUFACTURERS RECOMMENDED BATTERY MINIMUM SPECIFICATIONS	FLOODED		ABSORBED GLASS MAT (AGM)	
		BEST FIT	OPTIONS	BEST FIT	OPTIONS
YAMAHA MOTORS †					
2-Stroke					
50hp and below	245 CCA (323 MCA) 52 RC @ 25 AMPS 40 AH @ 20 AH RATE	DP24 [140]	24M5, 24M6, 24M7, 27M6 [140, 141], DP27 [140, 141], DP31DT [140, 141], DC24 [140], DC27 [140, 141], DC31DT [140, 141], 24M4 [216]	NA	NA
60hp-200hp Carburetor	380 CCA (502 MCA) 124 RC @ 25 AMPS 70 AH @ 20 AH RATE	24M7 [216]	27M6 [140, 141], DP27 [140, 141], DP31DT [140, 141], DC24 [140], DC27 [140, 141], DC31DT [140, 141], 24M5 [216], 24M6 [216], DP24 [140, 216]	NA	NA
HPDI 2.6L & 3.3L	512 CCA (675 MCA) 182 RC @ 25 AMPS 100 AH @ 20 AH RATE	DP31DT [140, 141]	DC31DT [140, 141], 24M5 [216], 24M6 [216], 24M7 [216], 27M6 [140, 141, 216], DP24 [140, 216], DP27 [140, 141, 216], DC24 [140, 216], DC27 [140, 141, 216]	NA	NA
4-Stroke					
F25hp and below	245 CCA (323 MCA) 52 RC @ 25 AMPS 40 AH @ 20 AH RATE	DP24 [140]	24M5, 24M6, 24M7, 27M6 [140, 141], DP27 [140, 141], DP31DT [140, 141], DC24 [140], DC27 [140, 141], DC31DT [140, 141], 24M4 [216]	NA	NA
F30hp-F115hp	380 CCA (502 MCA) 124 RC @ 25 AMPS 70 AH @ 20 AH RATE	24M7 [216]	27M6 [140, 141], DP27 [140, 141], DP31DT [140, 141], DC24 [140], DC27 [140, 141], DC31DT [140, 141], DP24 [140, 216], 24M5 [216], 24M6 [216]	NA	NA
F150hp-F250hp	512 CCA (675 MCA) 182 RC @ 25 AMPS 100 AH @ 20 AH RATE	DP31DT [140, 141]	DC31DT [140, 141], 24M5 [216], 24M6 [216], 24M7 [216], 27M6 [140, 141, 216], DP24 [140, 216], DP27 [140, 141, 216], DC24 [140, 216], DC27 [140, 141, 216]	NA	NA
F300hp-F350hp	700 CCA (900 MCA) 170 RC @ 25 AMPS 110 AH @ 20 AH RATE	DP24 [140, 216]	24M6 [216], 24M7 [216], 27M6 [140, 141, 216], DC24 [140, 216], DP27 [140, 141, 216], DP31DT [140, 141, 216], DC27 [140, 141, 216], DC31DT [140, 141, 216]	NA	NA
HONDA MARINE					
BF8D, BF9.9D, BF20D	270 CCA (350 MCA) 35 AH @ 20 AH RATE	24M5	24M6, 24M7, 27M6 [140, 141], DP24 [140], DP27 [140, 141], DP31DT [140, 141], DC24 [140], DC27 [140, 141], DC31DT [140, 141], 24M4 [216]	8A24M	9A34M, 8A27M [141], 8A31DTM [141], 9A31 [141]
BF25A, BF30A, BF25D, BF30D, BF40A, BF50A	420 CCA (546 MCA) 65 AH @ 20 AH RATE	24M7	27M6 [140, 141], DP24 [140], DP27 [140, 141], DP31DT [140, 141], DC24 [140], DC27 [140, 141], DC31DT [140, 141], 24M5 [216] 24M6 [216]	8A24M	9A31 [141], 8A27 [141], 8A31DTM [141], 9A34M [216]

† - Yamaha recommends a cranking-type battery that can have distilled water added to its cells when necessary. Maintenance-Free, sealed, or Gel batteries are not recommended because they may not be compatible with Yamaha's charging system.

140 - Vented pod. Check electrolyte levels. Keep terminals clean.

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

216 - Requires 2 batteries in parallel to meet OE specifications. Additional space, box or cables may be required.

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

OUTBOARD MODELS	MANUFACTURERS RECOMMENDED BATTERY MINIMUM SPECIFICATIONS	FLOODED		ABSORBED GLASS MAT (AGM)	
		BEST FIT	OPTIONS	BEST FIT	OPTIONS
HONDA MARINE *(continued)*					
BF40D, BF50D	582 CCA (756 MCA) 65 AH @ 20 AH RATE	24M7	27M6 [140, 141], DP27 [140, 141], DP31DT [140, 141], DC24 [140], DC27 [140, 141], DC31DT [140, 141], 24M5 [216], 24M6 [216], DP24 [140, 216]	8A31DT [141]	9A31 [141], 8A24M, 8A27M [141], 9A34M [216]
BF60A, BFP60A	582 CCA (756 MCA) 52 AH @ 5 AH RATE 65 AH @ 20 AH RATE	24M7	27M6 [140, 141], DP27 [140, 141], DP31DT [140, 141], DC24 [140], DC27 [140, 141], DC31DT [140, 141], 24M5 [216], 24M6 [216], DP24 [140, 216]	8A31DT [141]	9A31 [141], 8A24M, 8A27M [141], 9A34M [216]
BF75A, BF90A	550 CCA (715 MCA) 70 AH @ 20 AH RATE	24M7	27M6 [140, 141], DP27 [140, 141], DP31DT [140, 141], DC27 [140, 141], DC31DT [140, 141], 24M5 [216], 24M6 [216], DP24 [140, 216], DC24 [140, 216]	8A27M [141]	9A31 [141], 8A24M, 8A31DT [141], 9A34M [216]
BF75D, BF90D	582 CCA (756 MCA) 65 AH @ 20 AH RATE	24M7	27M6 [140, 141], DP27 [140, 141], DP31DT [140, 141], DC24 [140], DC27 [140, 141], DC31DT [140, 141], 24M5 [216], 24M6 [216], DP24 [140, 216]	8A31DT [141]	9A31 [141], 8A24M, 8A27M [141], 9A34M [216]
BF115A, BF115D, BF130A, BF135A, BF150A	622 CCA (809 MCA) 64 AH @ 5 AH RATE 80 AH @ 20 AH RATE	27M6 [140, 141]	DP27 [140, 141], DP31DT [140, 141], DC31DT [140, 141], 24M6 [216], 24M7 [216], DP24 [140, 216], DC24 [140, 216], DC27 [140, 141, 216]	8A31DTM	9A31 [216], 9A34M [216]
BF200A, BF225A	800 CCA (1040 MCA) 95 AH @ 5 AH RATE 110 AH @ 20 AH RATE	24M6 [216]	24M7 [216], 27M6 [140, 141, 216], DP24 [140, 216], DP27 [140, 141, 216], DP31DT [140, 141, 216], DC24 [140, 216], DC27 [140, 141, 216], DC31DT [140, 141, 216]	9A34M [216]	8A24M [216], 8A27M [141, 216], 8A31DT [141, 216], 9A31 [141, 216]
MERCURY MARINE					
2-Stroke					
6hp - 60hp	350 CCA (465 MCA)	24M4	24M5, 24M6, 24M7, 27M6 [140, 141], DP24 [140], DP27 [140, 141], DP31DT [140, 141], DC24, DC27 [140, 141], DC31DT [140, 141]	8A24M	9A34M, 9A31 [141], 8A27M [141], 8A31DTM [141]
75hp - 125hp	450 CCA (525 MCA)	24M5	24M4, 24M6, 24M7, 27M6 [140, 141], DP24 [140], DP27 [140, 141], DP31DT [140, 141], DC24, DC27 [140, 141], DC31DT [140, 141]	8A24M	9A34M, 9A31 [141], 8A27M [141], 8A31DTM [141]
V6 Models	490 CCA (630 MCA)	24M5	24M6, 24M7, 27M6 [140, 141], DP24 [140], DP27 [140, 141], DP31DT [140, 141], DC24, DC27 [140, 141], DC31DT [140, 141]	8A24M	9A34M, 9A31 [141], 8A27M [141], 8A31DTM [141]
OptiMax - All Models	750 CCA (1216 MCA)	24M7	27M6 [140, 141], 24M4 [216], 24M5 [216], 24M6 [216], DP24 [140, 216], DP27 [140, 141, 216], DP31DT [140, 141, 216], DC24 [140, 216], DC27 [140, 141, 216], DC31DT [140, 141, 216]	9A34M	8A31DT [141], 9A31 [141], 8A24M [216], 8A27M [141, 216]

140 - Vented pod. Check electrolyte levels. Keep terminals clean.

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

216 - Requires 2 batteries in parallel to meet OE specifications. Additional space, box or cables may be required.

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

OUTBOARD MODELS	MANUFACTURERS RECOMMENDED BATTERY MINIMUM SPECIFICATIONS	FLOODED		ABSORBED GLASS MAT (AGM)	
		BEST FIT	OPTIONS	BEST FIT	OPTIONS
MERCURY MARINE *(continued)*					
4-Stroke					
9.9hp - 25hp	350 CCA (465 MCA)	24M4	24M5, 24M6, 24M7, 27M6 [140, 141], DP24 [140], DP27 [140, 141], DP31DT [140, 141], DC24, DC27 [140, 141], DC31DT [140, 141]	8A24M	9A34M, 9A31 [141], 8A27M [141], 8A31DTM [141]
30hp - 115hp	350 CCA (750 MCA) above 32ºF 750 CCA below 32ºF	**ABOVE 32°F** 24M5	**ABOVE 32°F** 24M5, 24M6, 24M7, 27M6 [140, 141], DP24 [140], DP27 [140, 141], DP31DT [140, 141], DC24, DC27 [140, 141], DC31DT [140, 141]	**ABOVE 32°F** 8A24M	**ABOVE 32°F** 9A34M, 9A31 [141], 8A27M [141], 8A31DTM [141]
		BELOW 32°F 24M7	**BELOW 32°F** 27M6 [140, 141]	**BELOW 32°F** 9A34M	**BELOW 32°F** 9A31 [141], 8A31DTM [141]
Verado 4-Stroke*					
220hp / 225hp / 300hp	800 CCA (1216 MCA) 135 RC @ 25 AMPS	NA	NA	8A31DT [141]	9A31 [141], 9A34M [216], 8A24M [216], 8A27M [141, 216]
135 / 150 / 200 Verado L4	800 MCA/135 RC @ 25 AMPS USA & Canada 1B578964 & Above	NA	NA	8A27M [141]	9A31 [141], 8A31DT [141], 9A34M [216], 8A24M [216]
200 / 225 / 250 / 275 / 300 Verado L6	800 MCA/135 RC @ 25 AMPS USA & Canada 1B578960 & Above	NA	NA	8A27M [141]	9A31 [141], 8A31DT [141], 9A34M [216], 8A24M [216]
SUZUKI MARINE OUTBOARD MOTORS					
DF9.9 / 15 - DF25V	330 CCA or over 70 RC mins. or over 40 AH or over @ 20 AH RATE	24M5	24M6, 24M7, 27M6 [140, 141], DP24 [140], DP27 [140, 141], DP31DT [140, 141], DC24 [140], DC27 [140, 141], DC31DT [140, 141], 24M4 [216]	8A24M	9A34M, 9A31, 8A27M [141], 8A31DT [141]
DF25 - DF50 DF40 - DF50	389 CCA or over 115 RC mins. or over 70 AH or over @ 20 AH RATE	24M7	27M6 [140, 141], DP27 [140, 141], DP31DT [140, 141], DC24, DC27 [140, 141], DC31DT [140, 141], 24M5 [216], 24M6 [216], DP24 [140, 216]	8A24M	9A31, 8A27M, 8A31DT, 9A34M [216]
DF60 - DF70 DF90 / 115 - DF140 DF150 - DF175	512 CCA or over 160 RC mins. or over 100 AH or over @ 20 AH RATE	DP31DT [140, 141]	DC31DT [140, 141], 24M5 [216], 24M6 [216], 24M7 [216], 27M6 [140, 141, 216], DP24 [140, 216], DP27 [140, 141, 216], DC24 [140, 216], DC27 [140, 141, 216]	8A31DT	9A31, 8A24M, 8A27M, 9A34M [216]
DF200 / 225 / 250 / 250SS	670 CCA or over 190 RC mins. or over 100 AH or over @ 20 AH RATE	DP31DT [140, 141]	24M6 [216], 24M7 [216], 27M6 [140, 141, 216], DP24 [140, 216], DP27 [140, 141, 216], DC24 [140, 216], DC27 [140, 141, 216], DC31DT [140, 141, 216]	8A31DT	9A31, 9A34M [216], 8A24M [216], 8A27M [141, 216]
DF300	770 CCA or over 239 RC mins. or over 130 AH or over @ 20 AH RATE	24M7 [216]	27M6 [140, 141, 216], DP24 [140, 216], DP27 [140, 141, 216], DP31DT [140, 141, 216], DC24 [140, 216], DC27 [140, 141, 216], DC31DT [140, 141, 216]	8A24M [216]	9A34M [216], 9A31 [216], 8A24M [216], 8A27M [141, 216], 8A31DT [216]

* Mercury does not recommend flooded batteries on Verado motors.

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OUTBOARD MODELS	MANUFACTURERS RECOMMENDED BATTERY MINIMUM SPECIFICATIONS	FLOODED		ABSORBED GLASS MAT (AGM)	
		BEST FIT	OPTIONS	BEST FIT	OPTIONS
JOHNSON / EVINRUDE					
2-Stroke					
V4 Carbureted & 9.9-50 Carbureted	360 CCA (465 MCA), 50 amp-hr minimum	**ABOVE 32°F** 24M5	**ABOVE 32°F** 24M6, 24M7, 27M6 [140, 141], DP24, DP27 [140, 141], DP31DT [140, 141], DC24, 24M4 [216] DC27 [140, 141], DC31DT [140, 141]	**ABOVE 32°F** 8A24M	**ABOVE 32°F** 9A34M, 9A31 [141], 8A27M [141], 8A31DT [141]
		BELOW 32°F NA	**BELOW 32°F** NA	**BELOW 32°F** NA	**BELOW 32°F** NA
V4 Direct-Injection & V6 Carbureted	500 CCA (620 MCA), or 675 CCA (845 MCA) below 32ºF 60 amp-hr minimum	**ABOVE 32°F** 24M7	**ABOVE 32°F** 27M6 [140, 141], DP24, DP27 [140, 141], DP31DT [140, 141], DC24 [140], DC27 [140, 141], DC31DT [140, 141], 24M4 [216], 24M5 [216], 24M6 [216]	**ABOVE 32°F** 8A24M	**ABOVE 32°F** 9A31 [141], 8A27M [141], 8A31DT [141], 9A34M [216]
		BELOW 32°F 24M7	**BELOW 32°F** 27M6 [140, 141], DP31DT [140, 141], 24M4 [216], 24M5 [216], 24M6 [216], DP24 [140, 216], DP27 [140, 141, 216], DC24 [140, 216], DC27 [140, 141, 216], DC31DT [140, 141, 216]	**BELOW 32°F** 8A31DT [141]	**BELOW 32°F** 9A31 [141], 9A34M [216], 8A24M [216], 8A27M [141, 216]
V6 Direct-Injection	675 CCA (845 MCA) or 750 CCA (940 MCA) below 32ºF 107 amp-hr in EXTREME applications	**ABOVE 32°F** 24M7 [216]	**ABOVE 32°F** 24M6 [216], 27M6 [140, 141, 216], DP24 [140, 216], DP27 [140, 141, 216], DP31DT [140, 141, 216], DC24 [140, 216], DC27 [140, 141, 216], DC31DT [140, 141, 216]	**ABOVE 32°F** 9A34M [216]	**ABOVE 32°F** 9A31 [216], 8A24M [216], 8A27M [141, 216], 8A31DT [216]
		BELOW 32°F 24M7 [216]	**BELOW 32°F** 24M6 [216], 27M6 [140, 141, 216], DP24 [140, 216], DP27 [140, 141, 216], DP31DT [140, 141, 216], DC24 [140, 216], DC27 [140, 141, 216], DC31DT [140, 141, 216]	**BELOW 32°F** 9A34M [216]	**BELOW 32°F** 9A31 [216], 8A24M [216], 8A27M [141, 216], 8A31DT [216]
40hp-90hp Evinrude E-TEC	640 CCA (800 MCA), or 800 CCA (1216 MCA) below 32ºF	**ABOVE 32°F** 24M6	**ABOVE 32°F** 24M7, 27M6 [140, 141], DP27 [140, 141], DP31DT [140, 141], DC31DT [140, 141], 24M4 [216], 24M5 [216], DP24 [140, 216], DP27 [140, 141, 216], DC24 [140, 216], DC27 [140, 141, 216]	**ABOVE 32°F** 9A34M	**ABOVE 32°F** 9A31 [141], 8A31DT [141], 8A24M [216], 8A27M [141, 216]
		BELOW 32°F 24M7	**BELOW 32°F** 27M6 [140, 141], 24M4 [216], 24M5 [216], 24M6 [216], DP24 [140, 216], DP27 [140, 141, 216], DP31DT [140, 141, 216], DC24 [140, 216], DC27 [140, 141, 216], DC31DT [140, 141, 216]	**BELOW 32°F** 8A31DT [141]	**BELOW 32°F** 9A31 [141], 9A34M [216], 8A24M [216], 8A27M [141, 216]

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OUTBOARD MODELS	MANUFACTURERS RECOMMENDED BATTERY MINIMUM SPECIFICATIONS	FLOODED		ABSORBED GLASS MAT (AGM)	
		BEST FIT	OPTIONS	BEST FIT	OPTIONS
JOHNSON / EVINRUDE					
4-Stroke					
25hp-30hp	360 CCA (465 MCA), 50 amp-hr minimum	**ABOVE 32°F** 24M5	**ABOVE 32°F** 24M6, 24M7, 27M6 [140, 141], DP24, DP27 [140, 141], DP31DT [140, 141], DC24, 24M4 [216] DC27 [140, 141], DC31DT [140, 141]	**ABOVE 32°F** 8A24M	**ABOVE 32°F** 9A34M, 9A31 [141], 8A27M [141], 8A31DT [141]
		BELOW 32°F NA	**BELOW 32°F** NA	**BELOW 32°F** NA	**BELOW 32°F** NA
40hp-140hp	500 CCA (620 MCA), or 675 CCA (845 MCA) below 32ºF 60 amp-hr minimum	**ABOVE 32°F** 24M7	**ABOVE 32°F** 27M6 [140, 141], DP24, DP27 [140, 141], DP31DT [140, 141], DC24 [140], DC27 [140, 141], DC31DT [140, 141], 24M4 [216], 24M5 [216], 24M6 [216]	**ABOVE 32°F** 8A24M	**ABOVE 32°F** 9A31 [141], 8A27M [141], 8A31DT [141], 9A34M [216]
		BELOW 32°F 24M7	**BELOW 32°F** 27M6 [140, 141], DP31DT [140, 141], 24M4 [216], 24M5 [216], 24M6 [216], DP24 [140, 216], DP27 [140, 141, 216], DC24 [140, 216], DC27 [140, 141, 216], DC31DT [140, 141, 216]	**BELOW 32°F** 8A31DT [141]	**BELOW 32°F** 9A31 [141], 9A34M [216], 8A24M [216], 8A27M [141, 216]
All V6 (4-Stroke)	675 CCA (845 MCA) or 750 CCA (940 MCA) below 32ºF 107 amp-hr in EXTREME applications	**ABOVE 32°F** 24M7 [216]	**ABOVE 32°F** 24M6 [216], 27M6 [140, 141, 216], DP24 [140, 216], DP27 [140, 141, 216], DP31DT [140, 141, 216], DC24 [140, 216], DC27 [140, 141, 216], DC31DT [140, 141, 216]	**ABOVE 32°F** 9A34M [216]	**ABOVE 32°F** 9A31 [216], 8A24M [216], 8A27M [141, 216], 8A31DT [216]
		BELOW 32°F 24M7 [216]	**BELOW 32°F** 24M6 [216], 27M6 [140, 141, 216], DP24 [140, 216], DP27 [140, 141, 216], DP31DT [140, 141, 216], DC24 [140, 216], DC27 [140, 141, 216], DC31DT [140, 141, 216]	**BELOW 32°F** 9A34M [216]	**BELOW 32°F** 9A31 [216], 8A24M [216], 8A27M [141, 216], 8A31DT [216]

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