

MARINE

MAKE & MODEL	Standard	Heavy Duty	Maintenance Free
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MARINE POWER AUSTRALIA

Mercury

7.5, 9.9, 18, 25,		764	SMFM24-810
30/40, 45/50, 60		764	SMFM24-810
75, 90, 115, V-6		782	SMFM27-860
135/200 & 225/250. 2.5L/3.0L Optimax (fuel injected) Requires minimum of 750CCA for the onboard computer system.	482	485T	485T

Mariner

9.9, 15, 20, 25, 30	350-352	750	SMFM24-810
40, 50, 60		782	SMSM27-860
75, 90, 115, V-6		782	SMFM27-860

Mercruiser

120, 140	750	764	SMFM24-810
170, 190, 185, 205	764	782	SMFM27-860
200, 230, 260	764	782	SMFM27-860
330, 340, 370		782	SMFM27-860

Mercury Electric Outboard

Thruster 11	SMFDCM24	882	SMF DCM27 or SMFDCM31 (120AH)
Note: Approximate running time at maximum load. Operating at a lower setting will achieve much greater running	SMFDCM24	882	SMF DCM27 or SMFDCM31 (120AH)
	2.5 hours	3.8 hours	4 hours

Minn Kota Electric Outboards

ALL MODELS Recommend using 2 x 6-volt 810 batteries (225AH), which may provide full weekends of operation with no charge.	882 (90 AH)	2 x 810 (recommended 225AH)	SMF DCM27 (96 AH) SMF DCM31 (120)AH)
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Outboard Marine Australia

Evinrude & Johnson

9.9, 15, 25, 35 HP		764	SMFM24-810
40 HP through to V 4 - V6		782	SMFM27-860
V-6CR, V-8		782	SMFM27-860
Note: 135-225 HP V6 (Fuel injected motor) requires minimum 750CCA	482	485T	485T

Shakespeare – Electric Outboards

Approximate Running time at maximum speed

MODEL	SMFDCM24	882	SMF DCM27 or SMF DCM31 (120AH)
Sigma 14	3.2 hrs	4.4 hrs	4.5 hrs - -5.6 Hrs
Sigma 15W	3.0 hrs	4.0 hrs	4.1 hrs - -5.6 Hrs
Sigma 30	1.0 hrs	1.5 hrs	1.6 hrs - -2 Hrs
Sigma 30W	1.3 hrs	1.9 hrs	2.0 hrs - -2.4 hrs
The above times can be doubled by running at the second highest setting. Add 20% for each lower setting thereafter.			

Suzuki Outboards

9.9, 15, 20, 25/30, 40	350, 352	750	SMFM24-810
55, 65, 85, 115, 140		782	SMFM27-860

Tohatsu - Outboards. Electric start

ALL MODELS		782	SMFM27-860
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Yamaha Outboards. Electric start

9.9, 15, 20, 25, 30	750	764	SMFM24-810
50, 50, 60, 80, 90		782	SMFM27-860
115, 140, 150, 175		782	SMFM27-860
200, 220		782	SMFM27-860

Volvo Penta

PETROL AQUAMATIC			
AQ130/280, AQ140/280, AQ145/280		764	SMFM24-810
AQ 170/280, AQ175/280, AQ225/280		782	SMFM27-860
AQ260/280, AQ290/280		782	SMFM27-860
DIESEL AQUAMATIC			
AQ21/270, AQ32/280, AQD40/280,	292	392	492
AQAD40/280	292	392	492
AQD70/750	(2) 291	2 (391)	2(491)
DIESEL INBOARD			
MD1A, MD1B, MD2A, MD2B, MD3B		764	SMFM24-810
MD5-B-C, MD6B		764	SMFM24-810
MD7A, MD7B, MD11C-D		782	SMFM27-860
MD17C-D	790		SMFM27-860
MD21A, MD32A, MD30A, MD40A,	292	392	492
TAMD30A, TMD40A, TAMMD40A	292	392	492
TAMD60A-B, MD70B-C	(2) 291	2 (391)	2(491)
TMD70B-C, THAMD70B-C	(2) 291	2 (391)	2(491)
TAMD70B-C-D-E, MD100A-B	(2) 291	2 (391)	2(491)
YMD100B, MD120A, TMD120A	(2) 291	2 (391)	2(491)
TAMD120A-B, TAMMD121B		782	SMFM27-860
2001, 2002, 2003, 2003T	292	392	491
AQAV030/290	292	392	491

Manual start Outboard Motors

Batteries used with manual start outboard are of the 'Deep Cycle' type. These batteries have thicker plates with denser paste applied to allow repeated use and re-charging. It is possible to supply a slow charge to batteries from the lighting coil on manual start outboards by having a DC charging conversion kit fitted by a dealer. Lighting coils are fitted to the following manual start outboard motors		
MAKE	LIGHTING COIL	
Mariner, Mercury, Suzuki, Yamaha, Tohatsu, Johnson,	Standard	
Evinrude	Optional	

Disclaimer: The Lion Group has made a concerted effort to present accurate information, which has been obtained from a variety of references including unpublished information sources and automobile manufacturers. Information presented is to be used as a guide only, and if in doubt, vehicle manufacturer recommendations should be referred to ensure correct battery fitment. The Lion Group believes that information presented is accurate, however disclaims any representation, warranty, expressed or implied concerning battery specifications or fitment, and in no event shall be liable for loss or damage claimed as having arisen from the use of this manual.

Always check bonnet and other clearances to make sure bonnet and other vehicle components do not contact battery terminals