

Discover[®] **MIXTECH**^{EFB}



MARINE/RV DUAL PURPOSE

THE MOST SIGNIFICANT IMPROVEMENT IN A BATTERY IN 50 YEARS.



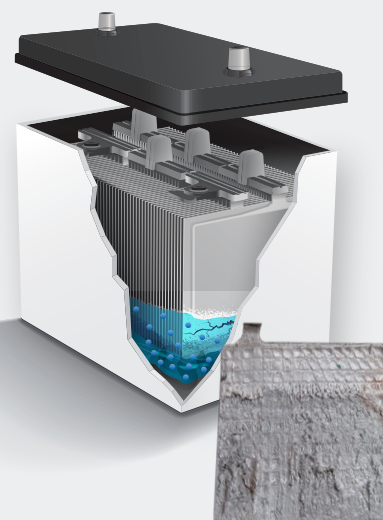
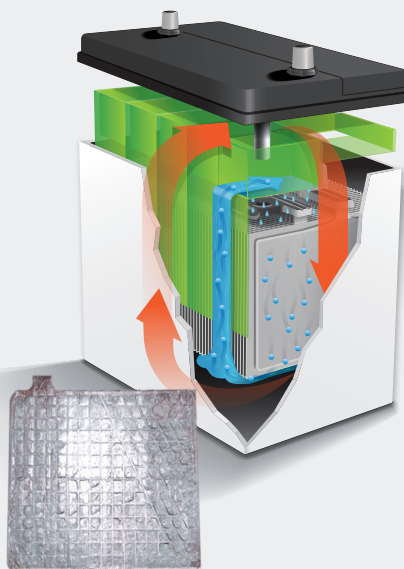
MIXTECH TECHNOLOGY PREVENTS ACID BUILD UP FROM KILLING YOUR BATTERIES AND CAN EXTEND THEIR LIFE.

It's 100% maintenance-free, maintains superior dynamic charge acceptance and provides greater sustained starting, micro-cycling and high-cycle performance versus other conventional batteries in marine and recreational vehicle applications.

MIXTECH: BATTERIES REMIXED

MIXTECH BATTERY

The motion of your vehicle causes the electrolyte to circulate and continuously mix preventing acid stratification.



TRADITIONAL BATTERY

Without MIXTECH, acid in the electrolyte settles at the bottom which leads to excess corrosion and charge imbalance. This is known as acid stratification.

FACT: ACID STRATIFICATION CAUSES SULFATION WHICH DESTROYS YOUR BATTERY'S PLATES, REDUCING ITS RESERVE CAPACITY, CRANKING ABILITY AND LIFE. THAT'S BAD, WE FIXED THAT.

Indoors, Outback, Offshore or On duty, Discover has a complete line of maintenance-free marine recreational vehicle starting, dual-purpose and high-cycle batteries that will get you where you want to go and more importantly, get you back again.

Discover MIXTECH EFB Dual Purpose and EGM High Cycle Marine/RV batteries utilize patented acid mixing technology to eliminate acid stratification and associated high temperature acid concentrations that accelerate internal plate corrosion, battery dry-out, premature capacity loss and battery failure.

Acid stratification reduces useful active material in the battery by 40% within six to eight months of normal use, creating what is known as "dead lead" (inactive material), which decreases the battery's available capacity to support electrical loads or engine

cranking needs. Eliminating acid stratification can achieve up to 4x the micro-cycle life when compared with conventional batteries without countermeasure against acid stratification.

MIXTECH EFB Dual Purpose and EGM High Cycle* Marine/RV batteries are made with rugged sealed and maintenance-free cases and covers with molded in flame arrestors for safety.

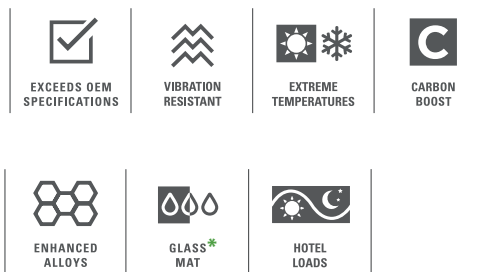
MIXTECH EFB and EGM batteries have increased active material densities versus standard batteries, that helps achieve the ideal compromise between high engine cranking power and moderate accessory loads in EFB models. Further increased active material and the addition of glass mat separators (EGM) delivers greater cyclic stability for high-cycle hotel loads with less emphasis on engine starting power.

Industry Reference	Short Code	Nominal Minutes of Discharge**		Electrical Specifications				Mechanical Specifications				
				AH	RC	CA	CCA	Length in(mm)	Width in(mm)	Height in(mm)	Total Height in(mm)	Terminal
		20 Amps	25 Amps	20HR	80°F / 27°C	80°F / 27°C	0°F / -18°C					
EFB Dual Purpose Batteries												
24DPM	M703	135	115	60	110	575	450	10.1 (257)	6.8 (172)	7.9 (200)	8.7 (220)	AM
	M704	145	125	65	120	625	500					
	M705	160	135	70	130	675	550					
	M710	180	145	80	140	800	650					
27DPM	M706	180	150	80	145	750	600	11.9 (302)	6.8 (172)	7.9 (200)	8.7 (220)	AM
	M707	190	160	85	155	800	650					
	M709	205	180	92	165	950	750					
31DPM	M708	235	200	104	190	1050	800	13.0 (330)	6.8 (172)	8.7 (220)	9.4 (240)	AM
EGM High Cycle* Batteries												
24HCM	M804	180	145	80	140	675	550	10.1 (257)	6.8 (172)	7.9 (200)	8.7 (220)	AM
27HCM	M806	205	180	90	170	800	650	11.9 (302)	6.8 (172)	7.9 (200)	8.7 (220)	AM
31HCM	M808	235	200	104	190	950	750	13.0 (330)	6.8 (172)	8.7 (220)	9.4 (240)	AM



MIXTECH EFB

MIXTECH EGM



AM = SAE & stainless steel 5/16" stud

* Includes double sided glass mat separators and are element bonded.

** Nominal @ 68°F/20°C