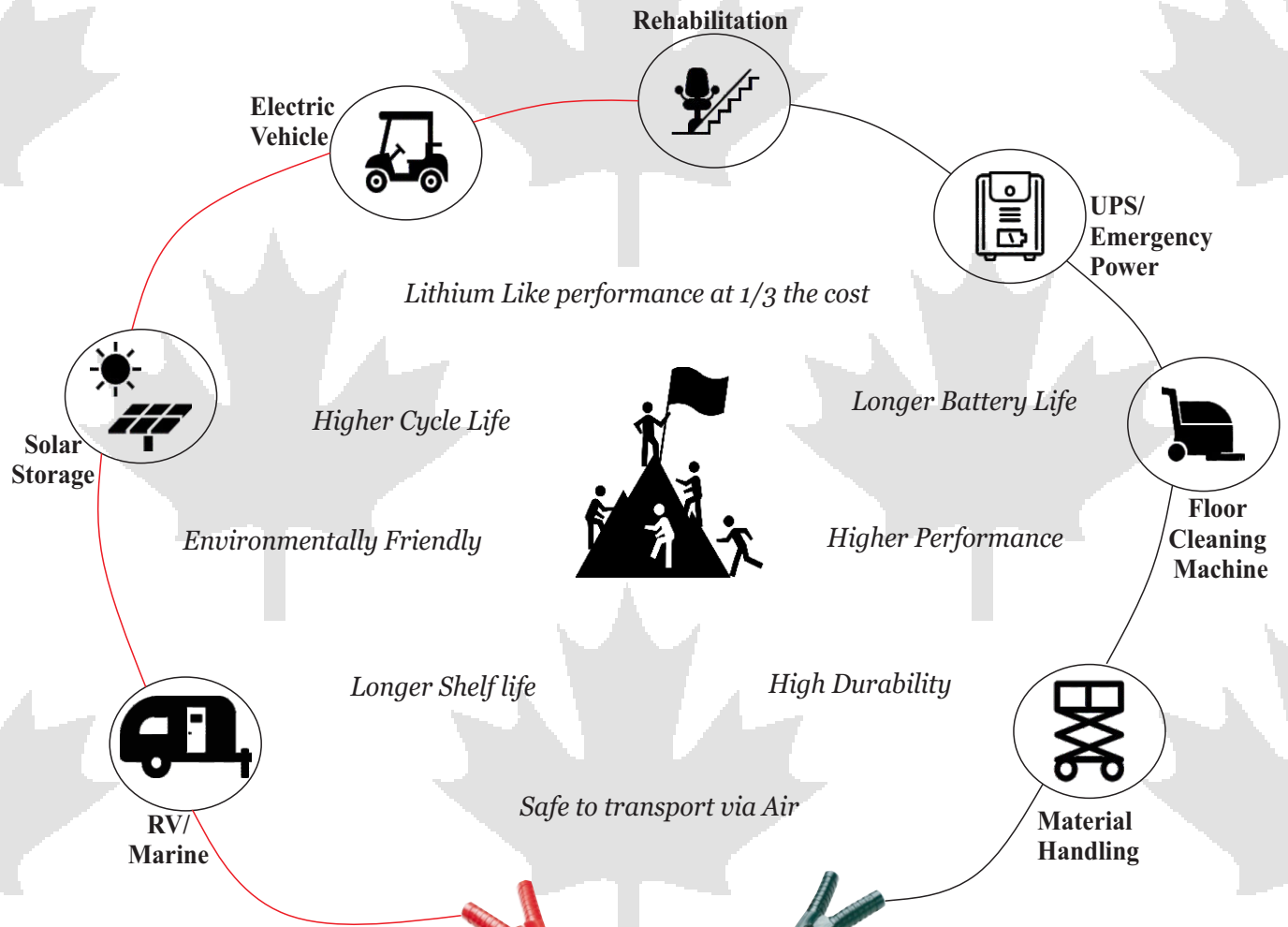


**ADVANCE TECHNOLOGY BATTERY**  
*New Generation AGM Battery*



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# ADVANCE TECHNOLOGY BATTERY

## New Generation AGM Battery



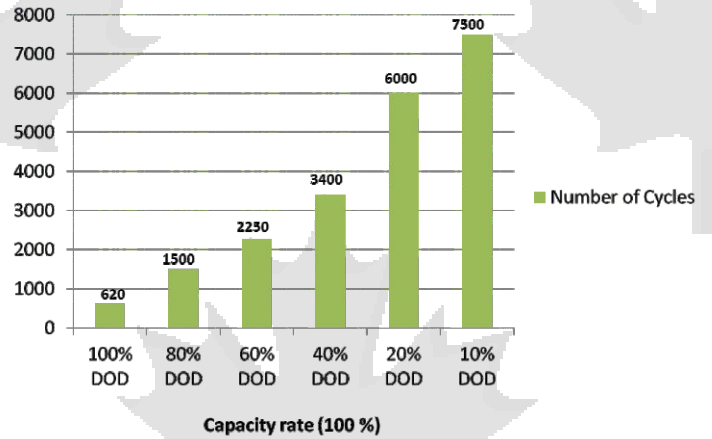
### Battery Chemistry

Advance Technology Battery uses a unique method of storing the powder electrolyte in an absorbed glass matt (AGM) form. The conventional sulphuric acid is replaced with a moist powder electrolyte, stimulating a full eco-friendly and easy to dispose chemistry. The thick plate separator made of proprietary alloy maximizes the efficiency and life of the battery.


Containing little to none of the Sulphuric acid, these batteries are less prone to Sulphation which is the major cause of battery deterioration.

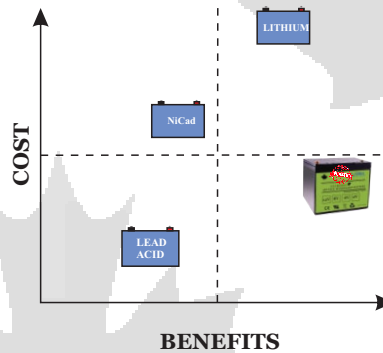
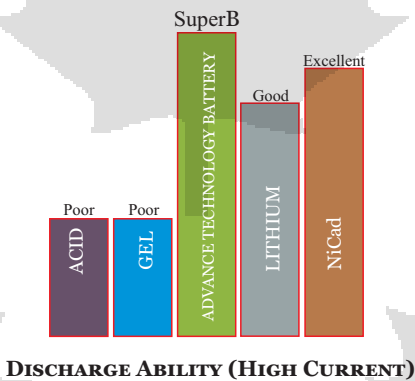
*"Less acid means, low risk and limited gassing"*

Cycle life graph (25°C/77°F) 12V



## Market Performance Statistics

Battery	LEAD ACID	GEL		LITHIUM	NiCad
Product Life Span (YEARS)	2-3	3-4	8-12	5-6	4-5
Temperature <span style="border: 1px solid black; padding: 2px;">Low</span> <span style="border: 1px solid black; padding: 2px;">High</span>	-18°C -0.4°F    45°C 113°F	-18°C -0.4°F    50°C 122°F	-40°C -40°F    65°C 149°F	-20°C -4°F    65°C 149°F	-20°C -4°F    65°C 149°F
Discharge Cycle @80%	450	500	1500	1300	1100
Transportation (SAFETY)	Medium Risk	Low Risk	No Risk	High Risk	Medium Risk

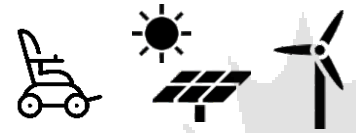


# ADVANCE TECHNOLOGY BATTERY

New Generation AGM Battery



**Standby & Cyclic Battery**  
**EFSN Range**



Sl No	Model	Voltage (V)	Rated Capacity (Ah)			Dimension			Weight Kg(lbs)
			20 HR	10 HR	5 HR	Length mm (inch)	Width mm (inch)	Height mm (inch)	
1	12 EFSN 5	12	5	4.5	4	90(3.54)	70(2.75)	106(4.17)	1.6(3.5)
2	12 EFSN 7.8	12	7.8	7.2	6.5	151(5.94)	65(2.55)	100(3.94)	2.3(5.1)
3	12 EFSN 9	12	9	8.2	7.2	151(5.94)	65(2.55)	100(3.94)	2.55(5.6)
4	12 EFSN 13	12	13	12	11	151(5.94)	99(3.89)	100(3.94)	4(8.18)
5	12 EFSN 15	12	15	14	13	151(5.94)	99(3.89)	104(4.09)	4.35(9.5)
6	12 EFSN 20	12	20	18	16	181(7.12)	76(2.99)	176(6.92)	5.9(13)
7	12 EFSN 24	12	24	22	21.5	181(7.13)	76(2.99)	176(6.92)	7.8(17)
8	12 EFSN 26	12	26	24	22	175(6.88)	166(6.53)	125(4.92)	7.8(17)
9	12 EFSN 32	12	32	28	26	175(6.88)	166(6.53)	125(4.92)	8.5(18)
10	12 EFSN 38	12	38	35	32	194(7.63)	132(5.19)	170(6.69)	12(26)
11	12 EFSN 43	12	43	40	37	198(7.79)	166(6.53)	172(6.77)	13(28.63)
12	12 EFSN 60	12	60	55	48	229(9.00)	138(5.43)	215(8.46)	17(37)
13	12 EFSN 70	12	70	65	56	348(13.7)	167(6.57)	175(6.88)	21(46)
14	12 EFSN 75	12	75	70	60	259(10.2)	169(6.65)	215(8.46)	22.5(49.56)
15	12 EFSN 100	12	100	90	80	306(12.0)	169(6.65)	206(8.11)	27(59.5)
16	12 EFSN 108	12	108	100	90	330(13.0)	172(6.77)	220(8.66)	31.5(69.36)
17	12 EFSN 130	12	130	120	100	408(16.0)	172(6.77)	211(8.30)	36.5(80.41)
18	12 EFSN 162	12	162	150	130	486(19.1)	170(6.69)	249(9.8)	45.5(99)
19	12 EFSN 172	12	172	160	135	522(20.5)	207(8.14)	220(8.66)	50(110.41)
20	12 EFSN 183	12	183	170	145	546(21.5)	125(4.92)	328(12.91)	50(110.41)
21	12 EFSN 195	12	195	180	155	522(20.5)	240(9.44)	227(8.93)	60(132.16)
22	12 EFSN 216	12	216	200	170	522(20.5)	240(9.44)	227(8.93)	62(136.5)
23	12 EFSN 270	12	270	250	215	520(20.5)	269(10.6)	231(9.09)	70(154.5)
24	6 EFSN 4.5	6	4.5	4	3.6	70(2.75)	47.5(1.8)	104(4.09)	0.68(1.5)
25	6 EFSN 7.8	6	7.8	7.2	6.5	151(5.94)	35(1.38)	100(3.94)	1.2(5.1)
26	6 EFSN 11	6	11	10	8.8	151(5.94)	50(1.97)	100(3.94)	1.8(3.96)
27	6 EFSN 13	6	13	12	11	151(5.94)	50(1.97)	100(3.94)	2.1(4.63)
28	6 EFSN 172	6	172	160	135	298(11.7)	172(6.77)	235(9.25)	26(57.27)
29	6 EFSN 195	6	195	180	155	306(12.0)	168(6.61)	228(8.97)	28.5(62.81)
30	6 EFSN 216	6	216	200	170	323(12.7)	178(7.01)	234(9.21)	31(62.83)
31	2 EFSN 108	2	108	100	90	172(6.77)	72(2.83)	213(8.38)	5.8(12.36)
32	2 EFSN 215	2	215	200	170	175(6.88)	110(4.33)	340(13.38)	13.5(29.73)
33	2 EFSN 320	2	320	300	255	175(6.88)	154(6.06)	338(13.30)	21.5(47.36)
34	2 EFSN 430	2	430	400	340	210(8.26)	175(6.88)	338(13.3)	27.5(60.57)
35	2 EFSN 540	2	540	500	430	244(9.60)	175(6.88)	338(13.3)	31(68.57)
36	2 EFSN 645	2	645	600	515	301(11.8)	175(6.88)	338(13.3)	38(83.57)
37	2 EFSN 860	2	860	800	685	410(16.1)	175(6.88)	338(13.3)	53.5(117.84)
38	2 EFSN 1080	2	1080	1000	860	475(18.7)	175(6.88)	340(13.38)	65.5(144.4)
39	2 EFSN 1600	2	1600	1500	1280	401(15.8)	351(13.8)	347(13.66)	98.5(216.5)
40	2 EFSN 2160	2	2160	2000	1720	491(19.3)	351(13.8)	347(13.66)	125(275.5)
41	2 EFSN 2700	2	2700	2500	2150	491(19.3)	351(13.8)	347(13.66)	141(310.5)
42	2 EFSN 3300	2	3300	3000	2700	712(28.0)	353(13.9)	348(13.7)	190(418.5)

# ADVANCE TECHNOLOGY BATTERY

*New Generation AGM Battery*



## Light Traction Battery EFSL Range



SI No	Model	Voltage (V)	Rated Capacity (Ah)			Dimension			Weight Kg(lbs)
			20 HR	10 HR	5 HR	Length mm(inch)	Width mm(inch)	Height mm(inch)	
1	12 EFSL 34	12	34	31.5	30	176(6.92)	166(6.53)	125(4.92)	9.3(20.5)
2	12 EFSL 39	12	39	36	34	194(7.63)	132(5.19)	170(6.69)	11(24)
3	12 EFSL 50	12	50	45	42	222(8.74)	120(4.72)	178(7.00)	12.5(27.5)
4	12 EFSL 76	12	76	70	66	260(10.2)	169(6.65)	215(8.46)	23(50)
5	12 EFSL 87	12	87	80	77	260(10.2)	169(6.65)	216(8.50)	26(57)
6	12 EFSL 108	12	108	100	88	330(12.9)	172(6.77)	224(8.81)	31.5(69)
7	12 EFSL 125	12	125	115	110	330(12.9)	176(6.92)	223(8.77)	34.5(76)
8	12 EFSL 152	12	152	140	130	330(12.9)	170(6.69)	258(10.15)	41.5(91)
9	12 EFSL 185	12	185	170	165	486(19.1)	170(6.69)	241(9.48)	50(110)
10	8 EFSL 179	8	179	165	150	260.5(10)	180.5(7.1)	289(11.37)	33(72.69)
11	6 EFSL 260	6	260	240	200	260(10.2)	180(7.08)	278(10.94)	33(72.69)
12	6 EFSL 281	6	281	260	225	260(10.2)	180(7.08)	278(10.94)	34.8(76.65)
13	6 EFSL 325	6	325	300	285	295(11.7)	178(7.0)	353(13.89)	46.5(102.6)



## Front Terminal Battery EFSM Range



SI No	Model	Voltage (V)	Rated Capacity (Ah)			Dimension			Weight Kg(lbs)
			20 HR	10 HR	5 HR	Length mm(inch)	Width mm(inch)	Height mm(inch)	
1	12 EFSM 60	12	60	55	48	277(10.90)	106(4.17)	224(8.81)	16.8(37)
2	12 EFSM 100	12	100	90	80	390(15.35)	108(4.25)	286(11.25)	34.5(75.99)
3	12 EFSM 108	12	108	100	90	560(22.0)	125(4.92)	228(8.98)	34.5(75.99)
4	12 EFSM 168	12	168	155	132	558(22.0)	125(4.92)	283(11.14)	50(110.13)
5	12 EFSM 183	12	183	170	145	546(21.5)	125(4.92)	320(12.6)	50.5(111.23)
6	12 EFSM 195	12	195	180	155	546(21.5)	125(4.92)	320(12.6)	51(112.23)