

ACDelco®

PREMIUM SMF AGM EFB BATTERIES



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PREMIUM SMF BATTERIES

The premium flooded SMF Battery range from ACDelco features the latest Lead Calcium alloy and Full Frame grid technology* which improves electrical flow, resistance to corrosion and ensures a longer life cycle than conventional lead-acid batteries.



ACDelco's Sealed Maintenance Free (SMF) range features a variety of high-quality batteries whose construction differs from most other conventional batteries in several strategic ways:

The premium SMF Battery range is made with either proven wrought-lead calcium alloy grids or Full Frame grids*. These designs allow for stronger resistance to corrosion and overcharging while also giving them a longer shelf life.

Other conventional batteries use cast antimony grids which make the battery more susceptible to corrosion and water loss.

ACDelco SMF Batteries are built with a flat-bottomed, polypropylene rib case which

provides improved vibration resistance and stronger durability. They also incorporate a patented Liquid Gas Separator which prevents electrolyte losses by collecting the liquid and returning it to the reservoir.

While some other batteries use removable covers, the ACDelco SMF Battery incorporates sealed covers with built-in flame arresters for better resistance to acid loss, electrolyte contamination and explosions from external sparks.

SMF Battery Benefits

- ✓ ACDelco Full Frame Technology stamped positive grids*
- ✓ Patented high-density active material on plates
- ✓ Built in 'State of Charge' hydrometer
- ✓ Exclusive patented liquid & gas separators to prevent fluid loss
- ✓ Flame arrestor 'Safety System' on vents
- ✓ Low-resistance micro-porous envelope separators
- ✓ Centre-cast on plate strap connectors

SPECIFICATIONS

Part Number	Type	AH (20HR)	RC (MIN)	CCA	L	W	TH	Cell Layout	Terminal Shape	Bottom Hold Down
S42B19L	JIS	35	58	340	187	127	227	0	SMALL / JIS	B0
S42B19LS	JIS	35	58	340	187	127	227	0	STD / SAE	B0
S42B19R	JIS	35	58	340	187	127	227	1	SMALL / JIS	B0
S42B19RS	JIS	35	58	340	187	127	227	1	STD / SAE	B0
22NF-330D	22NF	40	60	330	238	134	204	3	MULTI / DF	B9
22NF-330LS	22NF	40	60	330	238	134	204	0	STD / SAE	B9
S54516	DIN	45	75	400	207	174	174	0	STD / SAE	B3
S55B24L	JIS	45	80	430	237	128	225	0	SMALL / JIS	B0
S55B24LS	JIS	45	80	430	237	128	225	0	STD / SAE	B0
S55B24R	JIS	45	80	430	237	128	225	1	SMALL / JIS	B0
S55B24RS	JIS	45	80	430	237	128	225	1	STD / SAE	B0
S50D20L	JIS	50	85	400	206	172	222	0	STD / SAE	B7
S50D20R	JIS	50	85	400	206	172	222	1	STD / SAE	B7
S55066	DIN	50	86	415	206	174	188	0	STD / SAE	B3
S55458	DIN	54	90	500	242	174	174	1	STD / SAE	B3
22F520SMF	BCI	54	95	520	240	172	209	0	STD / SAE	B9
22F520SMFDF	BCI	54	95	520	240	172	209	0	MULTI / DF	B9
22FR520SMF	BCI	54	95	520	240	172	209	1	STD / SAE	B9

*not on commercial size models

Part Number	Type	AH (20HR)	RC (MIN)	CCA	L	W	TH	Cell Layout	Terminal Shape	Bottom Hold Down
AU22520SMFDF	BCI	54	95	520	240	172	209	0	MULTI / DF	B7
AU22R520SMF	BCI	54	95	520	240	172	209	1	STD / SAE	B0
S85B60L	JIS	55	90	550	229	172	206	0	STD / SAE	B1
S85B60R	JIS	55	90	550	229	172	206	1	STD / SAE	B1
22F600SMF	BCI	58	95	600	240	172	209	0	STD / SAE	B9
22FR600SMF	BCI	58	95	600	240	172	209	1	STD / SAE	B9
AU22R600SMF	BCI	58	95	600	240	172	209	1	STD / SAE	B0
S75-6MF	BCI	58	100	650	237	178	184	1	SIDE	B7
S55D23L	JIS	60	100	500	229	172	225	0	STD / SAE	B7
S55D23R	JIS	60	100	500	229	172	225	1	STD / SAE	B7
S56030	DIN	60	100	520	241	174	188	0	STD / SAE	B3
S58-6MF	BCI	60	100	530	241	183	175	1	STD / SAE	B8
S58R-6MF	BCI	60	100	530	241	183	175	0	STD / SAE	B8
S56220	DIN	62	100	540	242	174	174	0	STD / SAE	B3
22F680SMF	BCI	62	105	680	240	172	209	0	STD / SAE	B9
22FR680SMF	BCI	62	105	680	240	172	209	1	STD / SAE	B9
S56318	DIN	63	110	550	277	174	174	0	STD / SAE	B3
S70D23L	JIS	65	110	550	229	172	225	0	STD / SAE	B7
S70D23R	JIS	65	110	550	229	172	225	1	STD / SAE	B7
S56838	DIN	68	110	600	277	174	188	0	STD / SAE	B3
S56840	DIN	68	110	600	277	174	188	1	STD / SAE	B3
S78-6MF	BCI	68	120	770	268	178	205	1	SIDE	B7
S78DT-6MF	BCI	68	120	770	268	178	205	1	SIDE	B7
S57013	DIN	70	110	770	277	174	188	1	STD / SAE	B3
S57210	DIN	72	120	630	277	174	174	0	STD / SAE	B3
S57220	DIN	72	120	680	277	174	188	0	STD / SAE	B3
S80D26L	JIS	75	140	600	260	172	225	0	STD / SAE	B1
S80D26R	JIS	75	140	600	260	172	225	1	STD / SAE	B1
S75D31L	JIS	75	140	620	305	172	225	0	STD / SAE	B7
S75D31R	JIS	75	140	620	305	172	225	1	STD / SAE	B7
S65-7MF	BCI	80	130	730	292	189	191	1	STD / SAE	B1
S58014	DIN	80	135	730	313	174	174	0	STD / SAE	B3
S58515	DIN	85	165	780	352	174	174	0	STD / SAE	B3
S95D31LHD	JIS	90	160	750	305	172	222	0	STD / SAE	B7
S95D31RHD	JIS	90	160	750	305	172	222	1	STD / SAE	B7
S59095	DIN	90	160	912	314	174	188	1	STD / SAE	B3
S59096	DIN	90	160	912	314	174	188	0	STD / SAE	B3
S59227	DIN	92	170	700	352	174	188	0	STD / SAE	B3
S59228	DIN	92	170	700	352	174	188	1	STD / SAE	B3
S31-1000MF	BCI HD	100	160	1000	330	173	239	3	STUD	B0
S31-1001MF	BCI HD	100	160	1000	330	173	239	3	STD / SAE	B0
S1151	BCI HD	100	180	750	330	172	240	3	STD / SAE	B0
S1111H	BCI HD	100	180	830	330	172	240	3	STD / SAE	B0
S1110H	BCI HD	100	180	830	330	172	240	3	STUD	B0
S31-900MF	BCI HD	100	180	900	330	172	240	3	STUD	B0
S31-901MF	BCI HD	100	180	900	330	172	240	3	STD / SAE	B0
S60038	DIN	100	180	800	352	174	188	0	STD / SAE	B3
S61101	DIN	110	190	950	394	175	190	0	STD / SAE	B3
S68032	DIN	180	370	1100	513	222	220	5	STD / SAE	B3



PREMIUM AGM & EFB BATTERIES

AGM & EFB batteries are specifically designed for use in Start-Stop systems. They feature industry leading Full Frame grid technology that ensures superior performance, emission reduction & maximum fuel saving.



Evolved from the proven Sealed Maintenance Free range, ACDelco's Absorbed Glass Matt (AGM) and Enhanced Flooded Batteries (EFB) are designed and manufactured to perform under the toughest conditions.

Today, vehicles demand more of batteries than just starting power. Over the last 20 years the requirement on a vehicle's electrical system has increased dramatically. Many vehicles now have Stop/Start technology and dozens of power hungry on-board electrical modules that require an advanced vehicle charging

system and more importantly a battery capable of handling this increased load when the vehicle's engine is not running. In addition they must also deliver the necessary starting capacity to start the vehicle in a fraction of a second when the brake is released or the accelerator depressed.

AGM & EFB Battery Benefits

- ✓ Full Frame Grid Technology
- ✓ Increased cyclic ability
- ✓ Up to 2x the service life*
- ✓ Significant life improvement in all conventional vehicles (retrofit)
- ✓ Improved rapid charge acceptance
- ✓ High-density optimised paste mix

SPECIFICATIONS

Part Number	Type	AH (20HR)	RC (MIN)	CCA	L	W	TH	Cell Layout	Terminal Shape	Bottom Hold Down
S34B20LAGM	JIS AGM	33	57	340	195	126	224	0	SMALL / JIS	B0
S34B20RAGM	JIS AGM	33	57	340	195	126	224	1	SMALL / JIS	B0
S46B24LAGM	JIS AGM	42	75	410	236	126	224	0	SMALL / JIS	B0
S46B24RAGM	JIS AGM	42	75	410	236	126	224	1	SMALL / JIS	B0
S55090AGM	DIN AGM	50	80	520	206	174	189	0	STD / SAE	B3
S56090AGM	DIN AGM	60	100	680	241	174	189	0	STD / SAE	B3
S57090AGM	DIN AGM	70	120	760	277	174	189	0	STD / SAE	B3
S58090AGM	DIN AGM	80	140	800	314	174	189	0	STD / SAE	B3
S59590AGM	DIN AGM	95	160	900	352	174	189	0	STD / SAE	B3
S60595AGM	DIN AGM	105	190	950	394	174	174	0	STD / SAE	B3
SM42B20LEFB	JIS EFB	43	63	400	196	128	225	0	SMALL / JIS	B0
SM42B20REFB	JIS EFB	43	63	400	196	128	225	1	SMALL / JIS	B0
SN55B24LEFB	JIS EFB	58	92	500	238	128	225	0	SMALL / JIS	B0
SN55B24LSEFB	JIS EFB	58	92	500	238	128	225	0	STD / SAE	B0
S56030EFB	DIN EFB	60	100	560	242	175	190	0	STD / SAE	B3
S57038EFB	DIN EFB	70	120	720	278	175	190	0	STD / SAE	B3
SQ85D23LEFB	JIS EFB	75	125	660	229	172	222	0	STD / SAE	B7
SQ85D23REFB	JIS EFB	75	125	660	229	172	222	1	STD / SAE	B7
SS95D26LEFB	JIS EFB	80	150	720	259	172	222	0	STD / SAE	B7
SS95D26REFB	JIS EFB	80	150	720	259	172	222	1	STD / SAE	B7
ST110D31LEFB	JIS EFB	90	170	820	305	172	222	0	STD / SAE	B7
ST110D31REFB	JIS EFB	90	170	820	305	172	222	1	STD / SAE	B7

*of a conventional flooded battery