



LIGHT VEHICLE BATTERY RANGE



START-STOP CONVENTIONAL

VEHICLE REQUIREMENTS

	AGM P.4	EFB P.5	PREMIUM P.7	EXCELL P.8	CLASSIC P.8
START-STOP POWERTRAIN	 Recommended OE Replacement	 Recommended OE Replacement	×	×	×
NON START-STOP POWERTRAIN	×	Extra life for conventional vehicles	Carbon Boost® Faster recharge for high equipment level	Widest Range to fit almost 100% of car parc	Cost Effective for older and more basic vehicles
REGENERATIVE BRAKING	■■■■■	■■■■■	×	×	×
INTENSIVE URBAN USE	■■■■■	■■■■■	■■■■■	■■■■■	■■■■■
POWER HUNGRY EQUIPMENT	■■■■■	■■■■■	■■■■■	■■■■■	■■■■■

BATTERY PERFORMANCE

CCA COLD CRANKING AMPERES	■■■■■	■■■■■	■■■■■	■■■■■	■■■■■
CHARGE ACCEPTANCE*	■■■■■	■■■■■	■■■■■	■■■■■	■■■■■
CYCLE LIFE	■■■■■	■■■■■	■■■■■	■■■■■	■■■■■
EXTRA ENERGY**	■■■■■	■■■■■	■■■■■	■■■■■	■■■■■

* Charge Acceptance (in A/Ah) ** Energy throughput during lifetime

EXIDE AGM



For toughest electrical needs of Start-Stop vehicles

Continuous investments in R&D have allowed Exide to propose the latest innovative AGM batteries from OE also to the aftermarket. It features the new LifeGrid® technology, perfect for advanced Start-Stop systems where the battery needs to be quickly recharged through the energy provided by the regenerative braking system.

The new LifeGrid® technology, combined with high-capillarity glass mat separators, advanced lead-tin alloys and unique carbon additives in the active mass, provides consistent power and even longer battery life.

AGM TECHNOLOGY

Benefits

- Top charge acceptance **NEW**
- Higher energy throughput over battery lifespan thanks to new LifeGrid® technology **NEW**
- Optimised for partial state of charge operations
- Ideal for large cars, SUVs, vans and vehicles with Start-Stop and power-hungry electrical equipment
- Top-level safety features and absolutely no free acid
- Recombinant VRLA (valve regulated)
- Latest generation approved by car manufacturers
- Great car parc coverage from a limited number of SKUs
- Long shelf life



Designed and built to endure continuous battery discharge and recharge of Start-Stop systems



Typical pattern of State of Charge during a journey with Start-Stop system

				
ABSORBENT GLASS MAT	SUPERIOR POWER	REGENERATIVE BRAKING	INTENSIVE USE	RECOMMENDED FOR START-STOP

SEALED DOUBLE SECURITY LID
with degassing outlet and flame arrestor

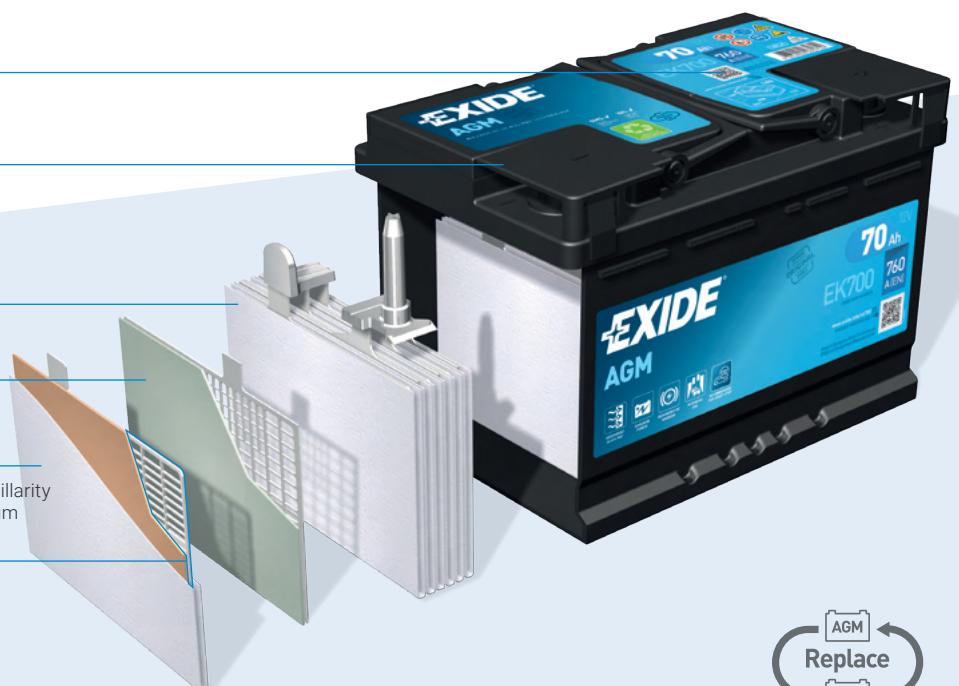
Exide unique
VALVE REGULATED VENTING

TALL PLATE GROUP
with high compression

NEGATIVE PLATE
Framed negative plate

POSITIVE PLATE
New framed grid design with high-tech alloy. The high-capillarity glass mat separator provides extra absorption for maximum electrolyte volume and to avoid stratification.

THE NEW LIFEGRID® **NEW**
Exide's new grid design provides consistent power and longer battery life



EXIDE EFB NEW



OEM experience for the aftermarket

First invented by Exide in 2008, EFB batteries have come to play an increasingly crucial role for car manufacturers in order to reduce fuel consumption and emissions. Now Exide brings the latest OE generation to the aftermarket, featuring **Carbon Boost 2.0**.

The new Exide EFB battery **supports all vehicles, with and without Start-Stop systems**, which have high cycling requirements. When installed in cars with a Start-Stop system, Exide's new EFB battery shows an unmatched energy recovery and exceptional dynamic charge acceptance. The battery also benefits from a longer overall lifespan, when installed in cars with conventional powertrain.

EFB TECHNOLOGY

Benefits

- High dynamic charge acceptance over life of battery NEW
- Extra energy for vehicles with and without Start-Stop systems NEW
- Optimised regenerative braking functionality in vehicles with Start-Stop systems – ensuring maximum fuel savings and less CO₂ emissions NEW
- High-level safety features
- Optimal operation in engine compartment
- Latest generation approved by car manufacturers
- Great car parc coverage from a limited number of SKUs
- Long shelf life

Exide EFB offers significant performance advantages over a conventional battery also when fitted into a car without Start-Stop system.

CONVENTIONAL Battery	EFB BATTERY with Carbon Boost 2.0
CHARGE ACCEPTANCE	X2
CYCLE LIFE	X3
ENERGY AVAILABILITY	X3

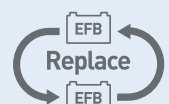
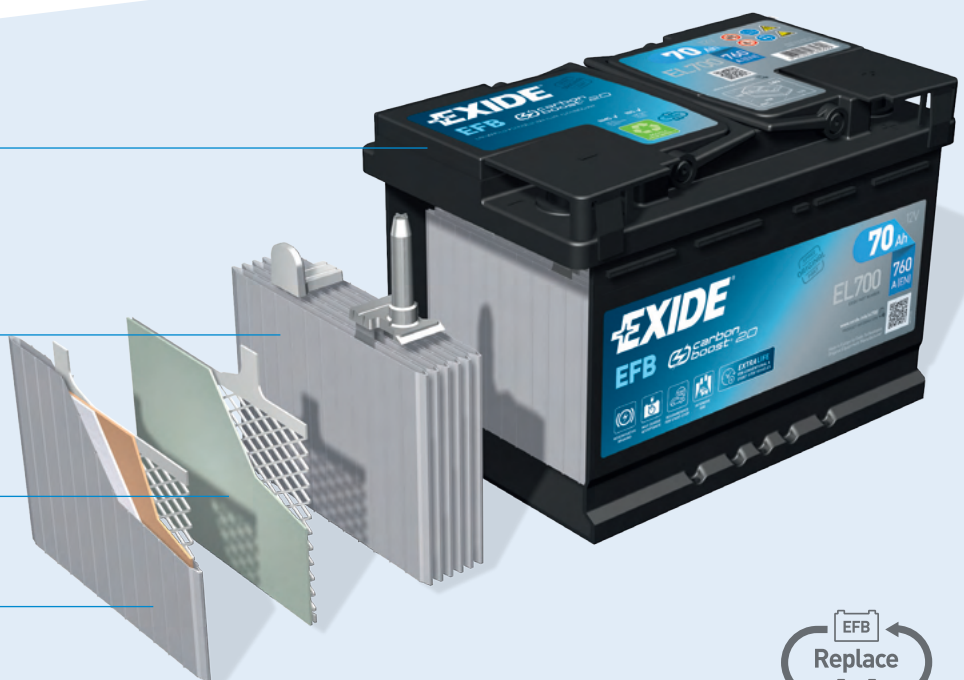


SPILL-PROOF SECURITY LID
with flame arrestor

PLATE GROUP
with medium compression

NEGATIVE PLATE
3DX grid with Carbon Boost 2.0

POSITIVE PLATE
3DX grid and advanced glass mat retainer covering active mass.



EXIDE PREMIUM



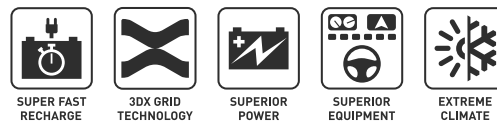
The latest Premium with Carbon Boost 2.0 now recharges up to 2 times faster compared to other conventional batteries, thanks to Exide's proprietary application of carbon additives on the negative plates.

While battery failure remains the number one cause of car breakdowns*, fast recharging considerably reduces the risk of breakdowns by helping the battery retain a healthy state of charge for longer.

The Premium Carbon Boost battery is designed to withstand extreme temperature, power-hungry electrical equipment and intensive urban driving.

Benefits

- **New recycled plastic components** to reduce by over 2.700 tons the emissions of CO₂, and to save 8 million liters of water and 1.2 million liters of crude oil every year **NEW**
- **Recharges up to 2 times faster compared to other conventional batteries** **NEW**
- **Latest plate design for greater robustness and increased resistance to high temperatures** **NEW**
- Updated top label – 'CAUTION' label to prevent conventional batteries to be installed on Start-Stop vehicles
- 30% extra starting power
- Ideal for highly equipped cars with powerful engines and demanding electrical needs
- Ideal for extreme weather and urban driving conditions
- Original equipment experience inside
- Meets OE requirements
- Comprehensive range covering around 90% of car parc

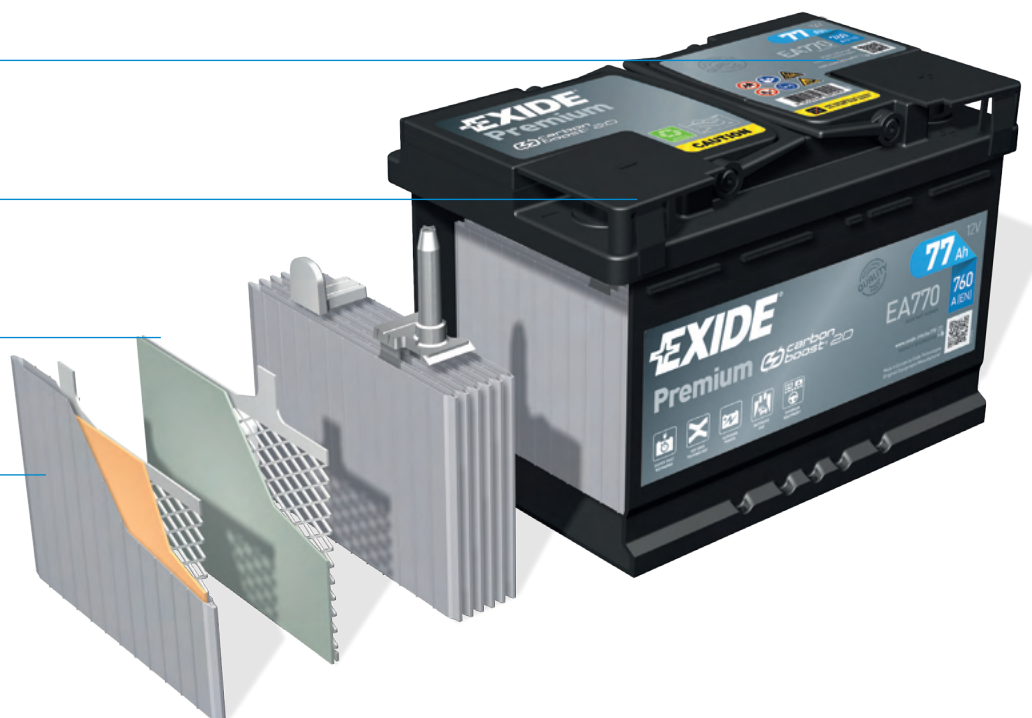


NEW TOP LABEL
with 'CAUTION' message

ECO FRIENDLY RECYCLED PLASTIC COMPONENTS

NEGATIVE PLATE
3DX grid with Carbon Boost 2.0

POSITIVE PLATE
3DX grid enveloped with high-performance polyethylene separator



DID YOU KNOW? THINGS THAT DRAIN YOUR BATTERY

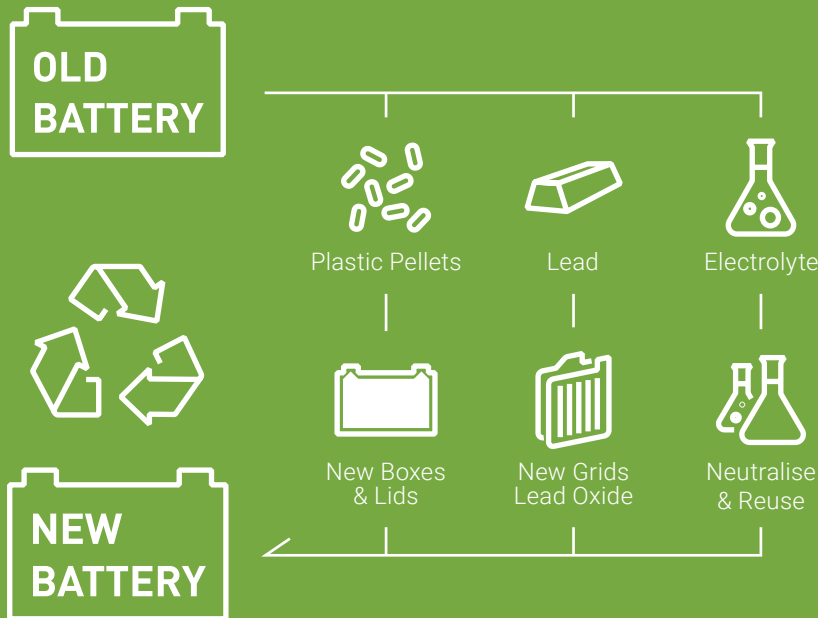
Cold weather significantly impairs battery performance. But it is during the cold season that more energy is needed for light and heating.

Hot weather accelerates self-discharge, grid corrosion and active material shedding. It could lead to shorter service life if batteries are not reinforced for extreme climates.

In urban environments the engine is often turned off or idle, and the electrical system may consume more power than the alternator can supply. This puts extra pressure on the battery.

Power-hungry electrical equipment, such as media players or navigation equipment, put extra pressure on the battery.

MORE THAN A MANUFACTURER EXIDE RECYCLES!



99%

OF ALL AUTOMOTIVE
LEAD-ACID BATTERIES
ARE RECYCLED IN EUROPE*

100%

OF A LEAD-ACID BATTERY
CAN BE RECYCLED

3 EXIDE RECYCLING FACILITIES IN EUROPE

TYPE LIST

START-STOP
CONVENTIONAL



AGM

Exide Code	Performances		Dimensions				Technical Characteristics		
	Capacity Ah	CCA A (EN)	Container	L (mm)	W (mm)	H (mm)	Hold down	Polarity	Terminals
EK508	50	800	G34	260	173	206	B7	ETN 9	1
EK600	60	680	L02	242	175	190	B13	ETN 0	1
EK700	70	760	L03	278	175	190	B13	ETN 0	1
EK800	80	800	L04	315	175	190	B13	ETN 0	1
EK950	95	850	L05	353	175	190	B13	ETN 0	1
EK1050	105	950	L06	392	175	190	B13	ETN 0	1



EFB

EL550	55	540	L01	207	175	190	B13	ETN 0	1
EL600	60	640	L02	242	175	190	B13	ETN 0	1
EL604	60	520	D23	230	173	222	B0	ETN 0	1
EL605	60	520	D23	230	173	222	B0	ETN 1	1
EL652	65	650	LB3	278	175	175	B13	ETN 0	1
EL700	70	760	L03	278	175	190	B13	ETN 0	1
EL752	75	730	LB4	315	175	175	B13	ETN 0	1
EL754	75	750	D26	270	173	222	B0	ETN 0	1
EL800	80	800	L04	315	175	190	B13	ETN 0	1
EL954	95	800	D31	306	173	222	Korean B1	ETN 0	1
EL955	95	800	D31	306	173	222	Korean B1	ETN 1	1
EL1000	100	900	L05	353	175	190	B13	ETN 0	1
EL1050	105	950	L06	392	175	190	B13	ETN 0	1



AUXILIARY

EK091	9	120	C54	150	90	105	B0	ETN 1	M12
EK111	11	150	C55	150	90	130	B0	ETN 1	M04
EK131	13	200	C56	150	90	145	B0	ETN 1	M04
EK143	14	80	C76	150	100	100	B0	ETN 3	Screwed/Lug
EK151	15	200	C56	150	90	145	B0	ETN 1	Small taper post



PREMIUM

Exide Code	Performances		Dimensions			Technical Characteristics			
	Capacity Ah	CCA A (EN)	Container	L (mm)	W (mm)	H (mm)	Hold down	Polarity	Terminals
EA406	40	350	B19	187	136	220	B1	ETN 0	JIS taper post + Adapter
EA456	45	390	B24	237	136	227	B1	ETN 0	3+Adapter
EA472	47	450	LB1	207	175	175	B13	ETN 0	1
EA530	53	540	L01	207	175	190	B13	ETN 0	1
EA601	60	600	L02	242	175	190	B13	ETN 1	1
EA612	61	600	LB2	242	175	175	B13	ETN 0	1
EA640	64	640	L02	242	175	190	B13	ETN 0	1
EA654	65	580	D23	230	173	222	Korean B1	ETN 0	1
EA680	68	650	S68	277	175	190	B13/Adapteur	ETN 0	1
EA681	68	650	S68	277	175	190	B13/Adapteur	ETN 1	1
EA722	72	720	LB3	278	175	175	B13	ETN 0	1
EA754	75	630	D26	270	173	222	Korean B1+B6	ETN 0	1
EA755	75	630	D26	270	173	222	Korean B1+B6	ETN 1	1
EA770	77	760	L03	278	175	190	B13	ETN 0	1
EA852	85	800	LB4	315	175	175	B13	ETN 0	1
EA900	90	720	L04	315	175	190	B13	ETN 0	1
EA954	95	800	D31	306	173	222	Korean B1	ETN 0	1
EA955	95	800	D31	306	173	222	Korean B1	ETN 1	1
EA1000	100	900	L05	353	175	190	B13	ETN 0	1
EA1050	105	850	LH4	315	175	205	B13	ETN 0	1



EXCELL

EB320	32	270	E01	178	135	225	B1	ETN 0	1
EB356	35	240	B19	187	127	220	B0	ETN 0	3
EB356A	35	240	B19	187	136	220	Korean B1 Long	ETN 0	3
EB357	35	240	B19	187	127	220	B0	ETN 1	3
EB440	44	400	L00	175	175	190	B13	ETN 0	1
EB442	44	420	LB1	207	175	175	B13	ETN 0	1
EB450	45	330	E02	220	135	225	B1	ETN 0	1
EB451	45	330	E02	220	135	225	B1	ETN 1	1
EB454	45	330	B24	237	127	227	B0	ETN 0	1
EB455	45	330	B24	237	127	227	B0	ETN 1	1
EB456	45	330	B24	237	127	227	B0	ETN 0	3
EB457	45	330	B24	237	127	227	B0	ETN 1	3
EB500	50	450	L01	207	175	190	B13	ETN 0	1
EB501	50	450	L01	207	175	190	B13	ETN 1	1
EB504	50	360	D20	200	173	222	Korean B1	ETN 0	1
EB505	50	360	D20	200	173	222	Korean B1	ETN 1	1
EB558	55	620	S75	230	180	186	B7	ETN 1	SAE S side Terminal 3/8"
EB602	60	540	LB2	242	175	175	B13	ETN 0	1
EB604	60	480	D23	230	173	222	Korean B1	ETN 0	1
EB605	60	480	D23	230	173	222	Korean B1	ETN 1	1
EB608	60	640	G75	230	180	186	B9	ETN 1	SAE S side Terminal 3/8"
EB620	62	540	L02	242	175	190	B13	ETN 0	1
EB621	62	540	L02	242	175	190	B13	ETN 1	1
EB704	70	540	D26	270	173	222	Korean B1+B6	ETN 0	1
EB705	70	540	D26	270	173	222	Korean B1+B6	ETN 1	1
EB708	70	740	G78	260	180	186	B7	ETN 1	SAE S side Terminal 3/8"
EB712	71	670	LB3	278	175	175	B13	ETN 0	1
EB740	74	680	L03	278	175	190	B13	ETN 0	1
EB741	74	680	L03	278	175	190	B13	ETN 1	1
EB800	80	640	L04	315	175	190	B13	ETN 0	1
EB802	80	700	LB4	315	175	175	B13	ETN 0	1
EB852	85	760	LB5	353	175	175	B13	ETN 0	1
EB858	85	800	G65	306	192	192	B1	ETN 1	EN taper post
EB950	95	800	L05	353	175	190	B13	ETN 0	1
EB954	95	760	D31	306	173	222	Korean B1	ETN 0	1
EB955	95	760	D31	306	173	222	Korean B1	ETN 1	1
EB1000	100	720	LH4	315	175	205	B13	ETN 0	1
EB1100	110	850	L06	392	175	190	B13	ETN 0	1



CLASSIC

EC400	40	320	L00	175	175	190	B13	ETN 0	1
EC412	41	370	LB1	207	175	175	B13	ETN 0	1
EC440	44	360	L01	207	175	190	B13	ETN 0	1
EC542	54	500	LB2	242	175	175	B13	ETN 0	1
EC550	55	460	L02	242	175	190	B13	ETN 0	1
EC605	60	440	D26	270	173	222	Korean B1+B6	ETN 1	1
EC652	65	540	LB3	278	175	175	B13	ETN 0	1
EC700	70	640	L03	278	175	190	B13	ETN 0	1
EC900	90	720	L05	353	175	190	B13	ETN 0	1
EC904	90	680	D31	306	173	222	Korean B1	ETN 0	1
EC905	90	680	D31	306	173	222	Korean B1	ETN 1	1