

Motorcraft® and Omnicraft™ Batteries

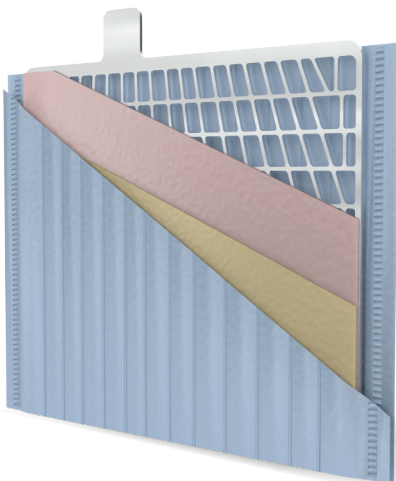


- A vast range covering up to 90% of the market
- Nationwide door-to-door delivery direct from supplier to you
- Backed by Ford and available from your local Ford Trade Club Dealer
- Powerful and reliable

The Ford Battery Range Advantage

Features

- Optimized Plate Design for Battery Capacity
- Enveloped Separator for Low Electrical Resistance
- Advanced Centre Lug technology & Cast on Strap
- Sealed Double Cover with Flame Arrester
- Integrated Design and Reinforced Container
- Battery Health Indicator



Technology

- New Expanded Grid Plate of Punch Type
- Microfibre and Special Tissue
- Pasted Cure Plate
- Envelope Separator for Low Electrical Resistance

Safety-Flame Arrester

- Reduces the possibility of an Explosion
- Minimises Acid Leakage

Casing-Special Sealed Cover

- Prevent Acid Leakage & Blocks Fire from Outside
- Minimises Electrolyte Deflection between Cells
- Minimises Electrolyte Loss by Gassing Recovery System
- Reinforced Design for Resistance to Vibration & Shock Damage



Motorcraft Batteries



Motorcraft batteries deliver the power and durability needed for today's advanced electrical systems.

Designed for long life, Motorcraft batteries are tested tough and recommended by Ford for your Ford vehicle.

Feature	Performance	Benefit
Long-life design	Optimised grid design with reduced corrosion	Increases battery life in high temperature environments
Envelope separators	Reduced resistance	Adds to longer battery life
Special additive	Accelerated chemical reaction	Reduces the time it takes to recharge the battery
Warranty coverage	Up to 36 months national warranty. Free replacement (conditions apply)*	Backed by a nationwide warranty for peace of mind

Long Life

Premium alloy improves performance and increases battery life up to 200% in high heat environments.

High-conductance separators protect plates from direct shorting – for long service life.

Powerful

High-tech welding improves and increases cold cranking efficiency.

Patented Grid design maximizes current flow and cold cranking performance.

* View the full warranty terms and conditions at fordtradeclub.com.au/parts/warranty



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Primary Benefits of Motorcraft Stop-Start EFB Batteries



Twice the cycle life compared to conventional flooded batteries.



Robust grid structure. Ensures durability, vibration and shock resistance.

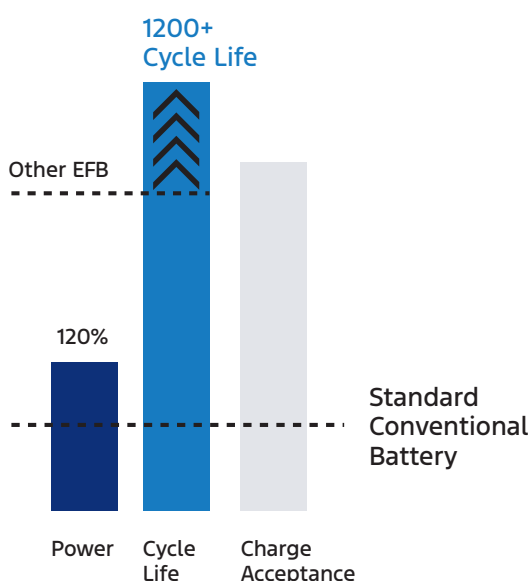


Lower internal resistance and higher load capacity. Fast recharge & low corrosion compared to conventional flooded batteries.



Advantages of Motorcraft Stop-Start EFB (Enhanced Flooded Battery) Technology

- Enhanced cycling abilities and improved charge acceptance when compared to normal flooded batteries.
- Ideal for stop-start vehicles.
- Application of polyester, 'Scrim' for prevention of the detachment of active materials from the electrode plate.
- Lower internal resistance and higher load capacity.
- Higher corrosion resistance.
- Higher thermal stability.



How a Motorcraft Stop-Start EFB Battery Works

Vehicles usually use conventional flooded lead-acid batteries for starter applications. However, when it comes to an upgrade for the starter engine, Motorcraft Stop-Start EFB Batteries offer a preferable choice. The Motorcraft EFB Battery type comes with higher quality, longer lifespan, and much less maintenance compared to regular batteries. Motorcraft Stop-Start EFB Batteries contain a special polyester, 'Scrim' that assists in preventing of the detachment of active materials from the electrode plate enhancing the batteries lifespan when cycling on engine stop at traffic lights, this special feature ensuring maximum energy on engine startup when ready to go.

Selecting a Motorcraft Stop-Start EFB Battery enables your vehicle to perform better in the following scenarios:



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Primary Benefits of Motorcraft Stop-Start AGM Batteries



Engineered to the highest standard **VRLA Technology**. Four times the cycle life compared to conventional flooded batteries.



Robust grid structure. Ensures durability, vibration and shock resistance.

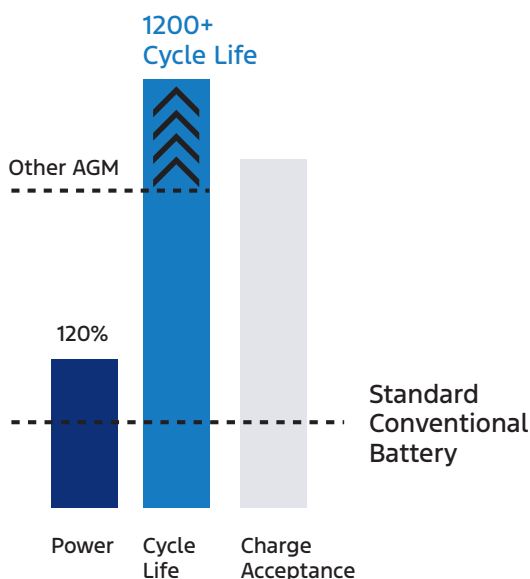


High quality Glass Mat Separator. Fast recharge & low corrosion compared to conventional flooded batteries.



Advantages of Motorcraft Stop-Start AGM (Absorbent Glass Mat) Battery Technology

- Maximum power
- Extended cycle life
- Long shelf life
- Higher energy throughput over battery lifespan
- Ultra durable and highly vibration-resistant – ideal for rough road conditions
- Maintenance free – no water refilling
- Low self-discharge – suitable for seasonal use
- Original equipment technology inside
- Ideal for large cars, SUVs, vans and vehicles with stop-start and high power electrical equipment



How a Motorcraft Stop-Start AGM Battery Works

Vehicles usually use conventional flooded lead-acid batteries for starter applications. However, when it comes to an upgrade for engine starting, Motorcraft Stop-Start AGM Batteries offer a preferable choice. Motorcraft Stop-Start AGM Batteries come with higher quality, longer lifespan and much less maintenance compared to regular batteries. Motorcraft Stop-Start AGM Batteries contain a special glass mat separator that wicks the electrolyte solution between the battery plates. This material's design enables the fibreglass to be saturated with electrolyte – and to store the electrolyte in a “dry” or suspended state rather than in free liquid form.

Selecting a Motorcraft Stop-Start AGM Battery enables your vehicle to perform better in the following scenarios:



When driving short distances



Seasonal driving



Extreme weather conditions



In multi-shift vehicles



In delivery vehicles



In modified vehicles with additional devices



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Battery Range

General Starting

Part Number	Industry Part Number	Length (mm)	Width (mm)	Total Height (mm)	CCA	RC	AH	Cell Layout	Terminal	Weight (kg)	Warranty Period Private (months)	Warranty Period Commercial (months)
MBAZ10655A	DIN75LMF	315	175	175	780	145	95	0	SAE	18.5	30	12
MBAZ10655B	DIN65LMF	275	175	175	680	130	80	0	SAE	17.5	30	12
MBAZ10655C	57EFMF	231	172	205	650	110	68	1	SAE	16.5	36	12
MBAZ10655D	DIN65LHMF	277	175	190	700	145	80	0	SAE	17.5	30	12
MBAZ10655F	DIN53LXMF	242	175	175	625	110	62	0	SAE	16.0	30	12
MBAZ10655H	N70ZZMF	305	171	225	750	180	90	1	SAE	20.5	24	12
MBAZ10655K	75D23LMF	231	171	225	610	125	75	0	SAE	16.5	36	12
MBAZ10655M	DIN53LHMF	242	175	190	625	110	62	0	SAE	16.0	30	12
MBAZ10655P	DIN75LHXMFB	315	175	190	800	180	95	0	SAE	18.5	30	12
MBAZ10655Q	DIN44LMF	208	175	175	480	75	45	0	SAE	14.0	30	12
MBAZ10655T	DIN44LHMF	208	175	190	500	90	50	0	SAE	15.1	30	12

Stop-Start EFB

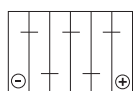
Part Number	Industry Part Number	Length (mm)	Width (mm)	Total Height (mm)	CCA	RC	AH	Cell Layout	Terminal	Weight (kg)	Warranty Period Private (months)	Warranty Period Commercial (months)
MBAZ10655E	DIN75LEFB	313	175	175	800	150	85	0	SAE	19.5	30	12
MBAZ10655J	DIN65LEFB	275	175	175	700	120	75	0	SAE	18.5	30	12
MBAZ10655L	DIN65LHEFB	277	175	190	795	130	80	0	SAE	18.5	30	12
MBAZ10655W	DIN77LH EFB	315	175	190	825	160	90	0	SAE	19.5	30	12

Stop-Start AGM

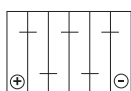
Part Number	Industry Part Number	Length (mm)	Width (mm)	Total Height (mm)	CCA	RC	AH	Cell Layout	Terminal	Weight (kg)	Warranty Period Private (months)	Warranty Period Commercial (months)
MBAZ10655N	DIN75LHAGM	316	175	190	920	165	85	0	SAE	24.0	36	12
MBAZ10655R	DIN65LHAGM	278	175	190	820	135	78	0	SAE	21.3	36	12
MBAZ10655U	DIN35LHAGM	175	175	190	500	75	40	0	SAE	12.5	36	12
MBAZ10655V	DIN44H AGM	207	175	190	650	100	55	0	SAE	15.1	36	12

Cell Layout

0



1



SAE Post



Standard Terminal (mm)

Height	17.0
Taper	1/9
∅ Positive	19.5
∅ Negative	17.9



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Omnicraft Batteries



Feature	Performance	Benefit
Long-life design	Optimised grid design with reduced corrosion	Increases battery life in high temperature environments
Envelope separators	Reduced resistance	Extends the life of the battery
Special additive	Accelerated chemical reaction	Reduces the time it takes to recharge the battery
Warranty coverage	Up to 36 months national warranty. Free replacement (conditions apply)*	Backed by a nationwide warranty for peace of mind

Long Life

Premium alloy improves performance and increases battery life up to 200% in high heat environments.



Extended life cycle, tested in high temperature environments

Powerful

High-tech welding improves and increases cold cranking efficiency.

Patented grid design maximises current flow and cold cranking performance.



Excellent cold start and charging capabilities.



No maintenance required, due to minimal water loss (water loss less than 1g/Ah at 40°C).



High frequency start and stop performance, tested to perform more than 36,000 cycles.

* View the full warranty terms and conditions at fordtradeclub.com.au/parts/warranty



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Omnicaft Stop-Start EFB Batteries



Features

- EFB (Enhanced Flooded Battery) technology
- Maintenance-free technology no topping-up required
- Delivering consistently high performance for highly equipped vehicles
- Up to 2 x longer life expectancy than your standard conventional battery
- Specifically designed and engineered for conventional stop-start functionality
- The Design Frame Grid technology is specifically designed for high starting power with performance reliability
- All our Omnicaft Stop-Start EFB Batteries are engineered to OEM standards and recommended by Ford Motor Company

Omnicaft Stop-Start AGM Batteries



How are AGM Batteries Different?

AGM (Absorbent Glass Mat) batteries contain a special glass mat separator that wicks the electrolyte solution between the battery plates. This means that the electrolyte is stored in a "dry" or suspended state rather than in free liquid form.

Benefits of an AGM Battery

Vehicles typically use a conventional flooded lead-acid battery to supply power when starting their engine. AGM batteries provide extended cycle life, better quality and a longer lifespan when compared to these conventional batteries. AGM batteries can be used in both stop-start and conventional applications.

Having a 'dry' battery structure allows AGM batteries to be mounted at extreme angles without risk of spillage, whilst also allowing them to be mounted inside the cabin of your vehicle. Due to their structure, AGM batteries are also extremely resistant to vibration, are totally sealed, spill-proof and require minimal maintenance.

Features of Omnicaft Stop-Start AGM Batteries



Omnicaft Stop-Start AGM Batteries feature Valve-Regulated Lead Acid (VRLA) technology. Omnicaft's VRLA technology offers four times the cycle life of conventional flooded batteries and provides superior cycle life to our competitor's AGM battery offerings.



Omnicaft Stop-Start AGM Batteries' robust grid structure provides extreme durability, vibration resistance and shock resistance.



The use of a high-quality glass mat separator ensures faster recharges and lower corrosion levels compared to our competitors' AGM battery offerings.



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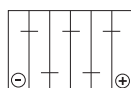
Battery Range

General Starting

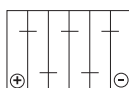
Part Number	Industry Part Number	Length (mm)	Width (mm)	Total Height (mm)	CCA	RC	AH	Cell Layout	Terminal	Weight (kg)	Warranty Period Private (months)	Warranty Period Commercial (months)
QBA21RA400A	NS40ZLSMF	197	129	227	400	70	45	0	SAE	11.5	30	12
QBA21RA400B	NS40ZLMF	197	129	227	400	70	45	0	JIS	11.5	30	12
QBA24A675	NS70MF	259	173	225	675	155	80	1	SAE	17.5	24	12
QBA24RA675	NS70LMF	259	173	225	675	155	80	0	SAE	17.5	24	12
QBA25A600	57MF	231	173	203	625	110	68	1	SAE	16.5	36	12
QBA25A610	55D23RMF	231	173	225	610	125	68	1	SAE	16.5	36	12
QBA27A750	N70ZZMF	306	173	225	750	180	90	1	SAE	20.5	24	12
QBA27RA750	N70ZZLMF	306	173	225	750	180	90	0	SAE	20.5	24	12
QBA35A600	58MF	231	173	203	625	110	68	0	SAE	16.5	36	12
QBA35A610	55D23LMF	231	173	225	610	125	68	0	SAE	16.5	36	12
QBA49H8A915	DIN85LHMF	353	175	190	900	175	105	0	SAE	22.8	30	12
QBA51A465A	NS60SMF	238	129	227	465	82	50	1	SAE	12.5	30	12
QBA51A465B	NS60MF	238	129	227	465	82	50	1	JIS	12.5	30	12
QBA51RA465A	NS60LSMF	238	129	227	465	82	50	0	SAE	12.5	30	12
QBA51RA465B	NS60LMF	238	129	227	465	82	50	0	JIS	12.5	30	12
QBA90T5A625	DIN53LMF	242	175	175	600	110	62	0	SAE	16.5	30	12
QBA91T6A680	DIN65LMF	278	175	175	680	89	66	0	SAE	17.5	30	12
QBA92T7A775	DIN75LMF	315	175	175	775	124	77	0	SAE	18.5	30	12
QBA97RH5A655A	DIN53LHMF	242	175	190	625	115	68	0	SAE	16.5	30	12
QBA97RH5A655B	DIN53RMF	242	175	175	600	110	62	1	SAE	16.5	30	12
QBA98RH6A680A	DIN65LHMF	278	175	190	700	145	80	0	SAE	17.5	30	12
QBA98RH6A680B	DIN65RHMF	278	175	190	680	145	80	1	SAE	17.5	30	12
QBAMZ10655AB	DIN75LHMF	315	175	190	800	160	100	0	SAE	18.5	30	12
QBAMZ10655AD	DIN75RHMF	315	175	190	800	180	95	1	SAE	18.5	30	12
QBAMZ10655AP	NS70LXMF	259	171	225	710	165	85	0	SAE	18.0	24	12
QBAMZ10655B	NS40SNLMF	192	136	227	400	70	45	0	JIS	11.5	30	12
QBAMZ10655C	NX1207SMF	305	171	225	850	190	100	1	SAE	20.5	24	12
QBAMZ10655D	DIN85MF	353	175	175	880	170	90	0	SAE	22.0	30	12
QBAMZ10655F	NS40ZMF	197	129	227	400	70	45	1	JIS	11.5	30	12
QBAMZ10655G	NS70XMF	259	171	225	710	165	85	1	SAE	18.0	24	12
QBAMZ10655P	D51T1	238	128	227	450	66	50	1	JIS	17.5	30	12
QBAMZ10655Q	65D	285	185	190	750	150	90	1	SAE	21.0	30	12
QBAMZ10655V	NX1207LSMF	305	171	225	850	190	100	0	SAE	20.5	24	12

Cell Layout

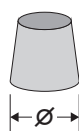
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SAE Post



Standard Terminal (mm)

Height	17.0
Taper	1/9
∅ Positive	19.5
∅ Negative	17.9

JIS Pencil Post



Standard Terminal (mm)

Height	17.0
Taper	1/9
∅ Positive	14.7
∅ Negative	13.0



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Battery Range



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Stop-Start EFB

Part Number	Industry Part Number	Length (mm)	Width (mm)	Total Height (mm)	CCA	RC	AH	Cell Layout	Terminal	Weight (kg)	Warranty Period Private (months)	Warranty Period Commercial (months)
QBEFBA47A640	DIN53LHEFB	242	175	190	685	110	68	0	SAE	17.5	30	12
QBEFBA48A720	DIN65LHEFB	278	175	190	795	130	70	0	SAE	18.6	30	12
QBEFBA94RA800	DIN75LHEFB	315	175	190	825	160	90	0	SAE	19.5	30	12
QBEFBA35A650	Q85MF	231	173	225	700	125	75	0	SAE	17.5	30	12
QBEFBA25A650	Q85RMF	231	173	225	700	125	75	1	SAE	17.5	30	12
QBEFBA27RA720	T110MF	306	173	225	850	170	95	0	SAE	21.5	30	12
QBEFBA27A720	T110 RMF	306	173	225	850	170	95	1	SAE	21.5	30	12
QBAMZ10655R	S95MF	260	173	225	720	140	85	0	SAE	18.5	30	12

Stop-Start AGM

Part Number	Industry Part Number	Length (mm)	Width (mm)	Total Height (mm)	CCA	RC	AH	Cell Layout	Terminal	Weight (kg)	Warranty Period Private (months)	Warranty Period Commercial (months)
QBA11071100AGM	DIN110LHAGM	393	175	190	1100	205	110	0	SAE	30.6	36	12
QBA65700AGM	DIN53LHAGM	242	175	190	700	115	65	0	SAE	18.8	36	12
QBA75820AGM	DIN65LHAGM	278	175	190	820	135	75	0	SAE	21.3	36	12
QBA85920AGM	DIN75LHAGM	316	175	190	920	165	85	0	SAE	24.0	36	12
QBA951020AGM	DIN85LHAGM	353	175	190	1020	175	95	0	SAE	26.5	36	12

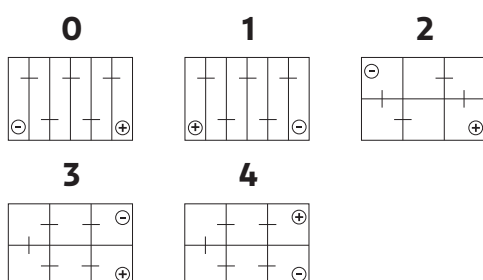
Accessory AGM – Deep Cycle

Part Number	Industry Part Number	Length (mm)	Width (mm)	Total Height (mm)	CCA	RC	AH	Cell Layout	Terminal	Weight (kg)	Warranty Period Private (months)	Warranty Period Commercial (months)
QBA85AGM	NPC12V85AH	260	168	214	350	200	85	1	M6 insert	24.0	12	12
QBA110AGM	NPC12V110AH	306	171	220	400	250	110	1	M8 insert	31.0	12	12
QBA135AGM	NPC12V135AH	330	175	218	500	320	135	1	M8 insert	34.0	12	12

Commercial – Heavy Trucks/Buses

Part Number	Industry Part Number	Length (mm)	Width (mm)	Total Height (mm)	CCA	RC	AH	Cell Layout	Terminal	Weight (kg)	Warranty Period Private (months)	Warranty Period Commercial (months)
QBAMZ10655H	N100LMF	408	173	232	1050	200	115	0	SAE	25.5	12	12
QBAMZ10655M	N120MF	503	181	232	1150	250	145	4	SAE	32.0	12	12
QBAMZ10655AG	94	510	222	217	1450	280	180	3	SAE	42.0	12	12
QBAMZ10655AF	31	304	174	220	950	300	145	2	SAE	22.0	12	12
QBAMZ10655AM	86	328	171	237	1100	190	110	1	SAE	26.5	12	12

Cell Layout

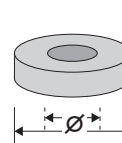


SAE Post



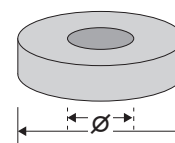
Standard Terminal (mm)	
Height	17.0
Taper	1/9
Ø Positive	19.5
Ø Negative	17.9

M6 Insert



Terminal Dimensions (mm)	
Height	3.0
Ø Outer	14.0
Ø Inner	6.0

M8 Insert



Terminal Dimensions (mm)	
Height	6.0
Ø Outer	20.0
Ø Inner	8.0