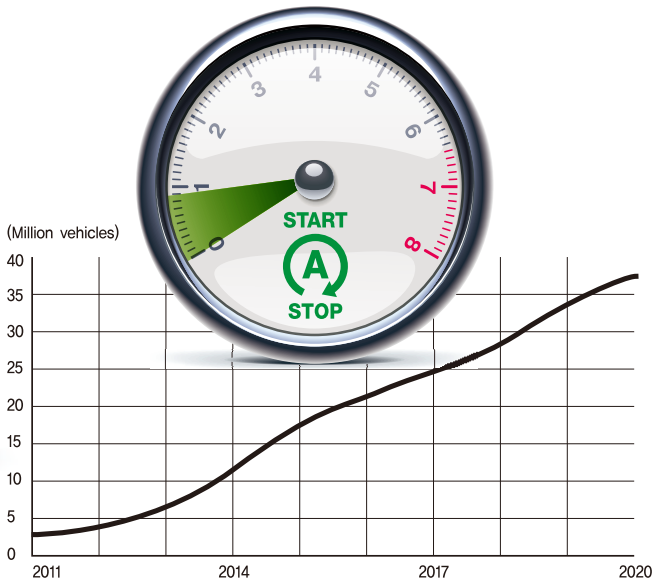
KOYAMA®

VRLA AGM START–STOP BATTERY







Fuel economy trend by Automotive Technologies

From 2012, international environmental regulations against global car makers have come to the fore. Major countries of vehicle production and sales such as the United States, China, Japan and European Union have been reinforcing the regulations on CO_2 emission and the fuel economy to cope with global climate change and excessive energy consumption.

Start-stop technology is one of the fuel economy car technologies to help reduce the CO_2 emission, playing a key role in a way to achieve stringent emission norms for vehicle manufacturer.
On the other hand it reduces fuel consumption, which is what a vehicle owner mostly looks for in a vehicle, with ever increasing fuel prices.

What is Start Stop System?

Start Stop system controls engine to stop when the vehicle is not in movement and restart the engine when vehicle begins its acceleration. This technology can help to avoid unnecessary energy loss caused by engine idling and has in fact been proved to cut fuel consumption by 5~15%, also Start Stop system improves engine silence for the consumer's driving comfort.

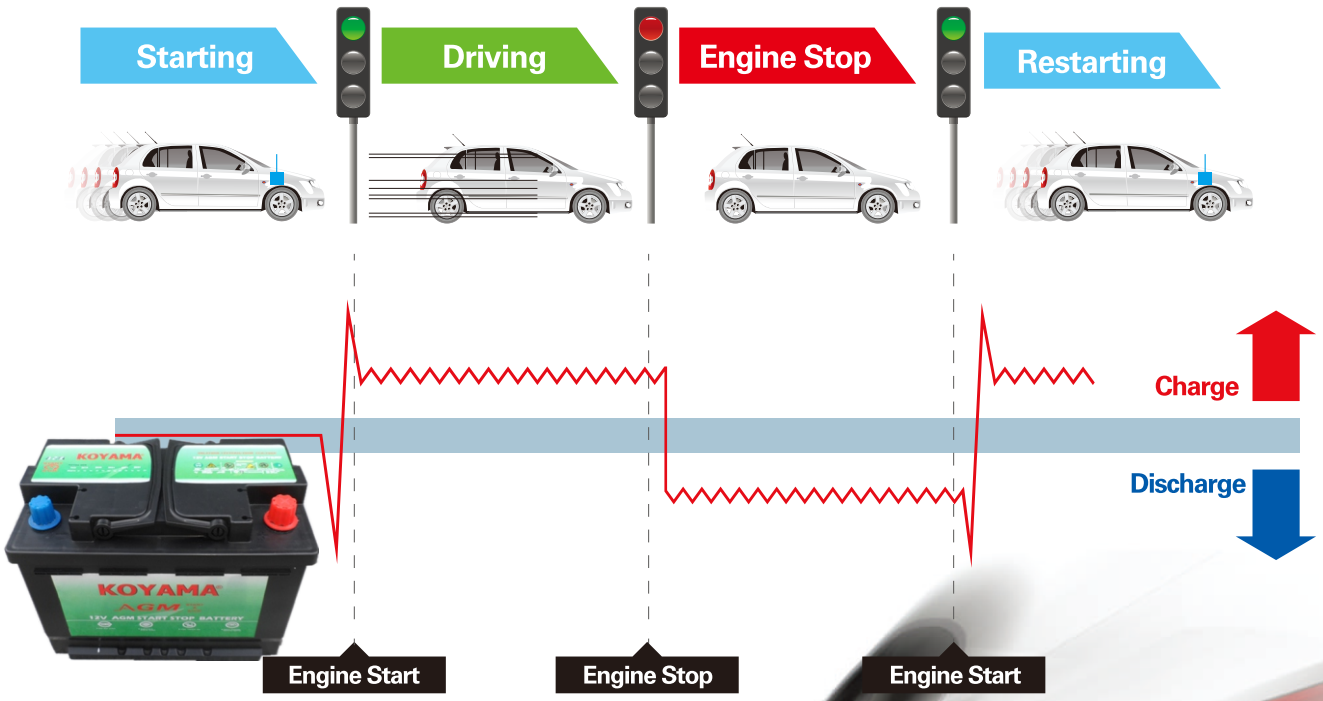
Next icon to drive your business forward

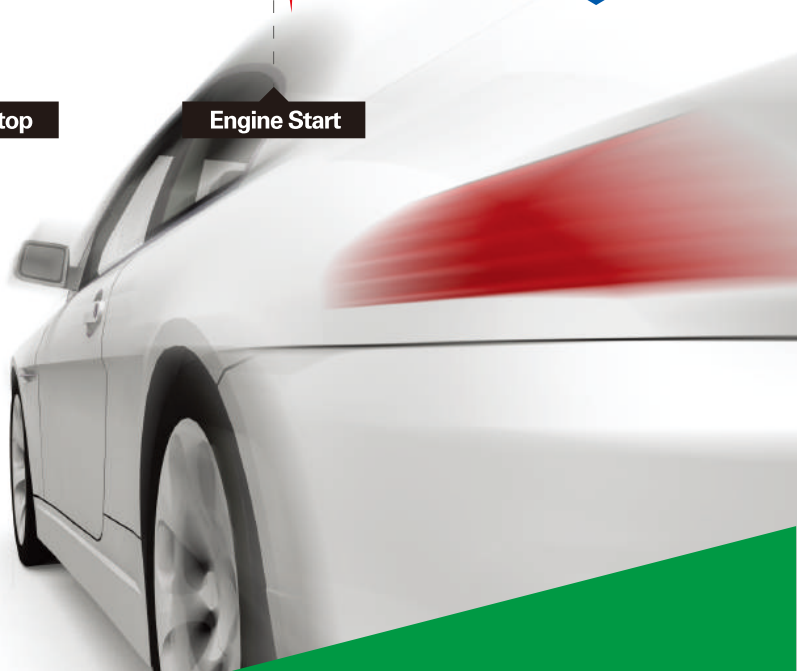
In 2013, 8 million vehicles were equipped with Start Stop system and it is forecasted to grow up to 23 million vehicles by 2017. Particularly in Europe, around 70% of total vehicle sales in 2015 will include Start Stop system.

The Role of Start Stop Battery

Start Stop vehicles require enhanced battery due to the frequent start and stop events at traffic light. Threrefore, battery with enhanced durability and charge acceptance is required to withstand the severe driving environments for the Start Stop vehicles. **KOYAMA** Start Stop series have enhanced the durability and battery life to perfectly optimize for the Start Stop vehicles.
Also it is not only optimized for Start Stop vehicles but it could perform higher stability and longer life for the previous Internal Combustion Engine(ICE) equipped vehicles as well.

Start Stop System





KOYAMA BATTERY
ACCELERATING YOUR POWER

KOYAMA®



Start Stop Plus with AGM Technology

Start Stop plus with AGM Series, the primary choice of vehicle manufacturers, is specially designed to meet and even go beyond all requirements of advanced start stop vehicles heavily equipped with electronic devices, the most prestigious vehicles.

GROUP NO	TYPE NO	CAPACITY	CCA	DIMENSION (MM)				WEIGHT	LAYOUT	HOLD DWON
		(20hr)	DIN/EN/SAE	L	W	T	TH	KGS		
L2	VRL260H5	60	640	242	175	190	190	19.3	0	B13
L3	VRL370H6	70	760	278	175	190	190	22.4	0	B13
L4	VRL480H7	80	800	315	175	190	190	25.1	0	B13
L5	VRL592H8	92	850	352	175	190	190	27.9	0	B13
L6	VRL6105H9	105	950	394	175	190	190	30.9	0	B13

Key Features

- Absorbent Glass Mat separator
- VRLA sealed construction
- X-Frame Technology
- Reinforced case design
- Meets OE quality, performance & specification

Benefits

- x4 time longer idling stop life cyle
- Charge acceptance 150% up
- Starting power 130% up
- Optimal safety for passenger compartment installation

Application



▶ Start Stop system



▶ Regenerative Braking System



▶ Urban intensive use



▶ Heavily equipped electronic devices

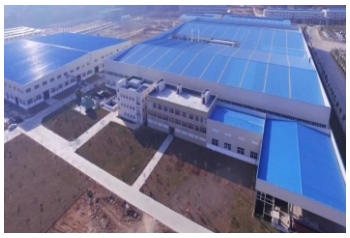


OUR COMPANY

As one of the leading and first-class battery manufacturer, CBB company has continued to grow, in 2017, we introduced the world's leading SOVEMA complete expanded grid line from Italy and Korea's MOOJIN complete automation assembly line, resulted in annual output of 12 million batteries.

The basis for our growth is on the continuous efforts we make to satisfy our customers. Because we highly value our customer's trust ,we never compromise on the quality of our products.

Now moving forward to become the next global leader ,we share the vision with our customers



Battery Production Base 2
Automotive Battery
Shangyou,Ganzhou,China
Established in 2017.



Battery Production Base 1
Automotive & Industrial Battery
Shangyou,Ganzhou,China
Established in 2010



Battery Production Base 3
Industrial & Motorcycle Battery
Shangyou,Ganzhou,China
Established in 2016.



Battery Production Base 4
Industrial Battery
Gaoming,Foshan,China
Established in 1997.

COMPANY INFORMATION

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CBB BATTERY