

## Specification charts

### Delkor® AGM

Model	Group Size	Polarity	CA (Ah)	CCA (A)	RC	Dimensions (L x W x H)
LN1 554 400 053	LN1	L(-,+)	50	520	80	206 x 174 x 189mm
LN2 560 901 068	LN2A	L(-,+)	60	680	100	242 x 174 x 188mm
LN3 570 901 076	LN3A	L(-,+)	70	760	120	277 x 174 x 188mm
LN4 580 901 080	LN4A	L(-,+)	80	800	140	315 x 174 x 188mm
LN5 595 901 090	LN5A	L(-,+)	95	900	160	353 x 174 x 188mm
LN6 605 901 095	LN6	L(-,+)	105	950	190	394 x 174 x 189mm
S34B20R	NS40A	R(+,-)	35	340	57	196 x 126 x 224mm
S46B24R	NS60A	R(+,-)	45	370	75	238 x 128 x 224mm

### Delkor EFB

Model	Group Size	Polarity	CA (Ah)	CCA (A)	RC	Dimensions (L x W x H)
SS95D26LEFB	GP24	L(-,+)	64	720	150	260 x 172 x 225mm
SS95D26REFB	GP24	R(+,-)	64	720	150	260 x 172 x 225mm
SQ85D23REFB	GP25	R(+,-)	60	660	125	225 x 172 x 225mm
ST110D31LEFB	GP27	L(-,+)	75	820	170	305 x 172 x 225mm
ST110D31REFB	GP27	R(+,-)	75	820	170	305 x 172 x 225mm
SQ85D23LEFB	GP35	L(-,+)	60	660	125	225 x 172 x 225mm
LBN3-65EFB	LBN3	L(-,+)	65	650	-	278 x 174 x 174mm
LBN4-75EFB	LBN4	L(-,+)	75	730	-	315 x 174 x 174mm
LN2-60EFB	LN2	L(-,+)	60	560	100	242 x 174 x 188mm
LN3-70EFB	LN3	L(-,+)	70	720	120	277 x 174 x 188mm
LN4-80EFB	LN4	L(-,+)	80	680	-	315 x 174 x 188mm
LN5-95EFB	LN5	L(-,+)	95	800	-	353 x 174 x 188mm
SM42B20LEFB	NS40	L(-,+)	34	400	63	196 x 128 x 224mm
SM42B20REFB	NS40	R(+,-)	34	400	63	196 x 128 x 224mm
SN55B24LEFB	NS60	L(-,+)	46	500	92	238 x 128 x 224mm
SN55B24REFB	NS60	R(+,-)	46	500	92	238 x 128 x 224mm

# Delkor®

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## About Johnson Controls Power Solutions

Johnson Controls Power Solutions is the world's largest manufacturer of automotive batteries, supplying approximately 152 million every year to automakers and aftermarket retailers. Our full range of lead-acid and lithium-ion battery technology powers nearly every type of vehicle for our customers—including traditional, start-stop, micro-hybrid, hybrid and electric. Johnson Controls' recycling system has helped make automotive batteries the most recycled consumer product in the world. Globally, 15,000 employees develop, manufacture, distribute and recycle batteries at more than 50 locations. For more information, please visit <http://www.JohnsonControls.com/PowerSolutions> or follow @JCL\_BatteryBeat on Twitter.

[www.delkor.com](http://www.delkor.com)

Johnson  
Controls

# Delkor®

**THE POWER IS YOURS.**

*For Start-Stop Vehicles*



## Power to go beyond

Delkor® batteries are manufactured by Johnson Controls, the world's largest automotive battery manufacturer with over 100 years of expertise in powering your drive. Manufactured in Korea since 1985, Delkor batteries have been constantly evolving, putting innovation into your driving power. Giving our customers the best is the motivation behind our breakthroughs and ensuring that you enjoy products and services that surpass expectations is our drive.

Because we believe, The Power is Yours.

### Award-winning quality

For 11 straight years since 2006, Delkor brand is the only brand to win the coveted top spot for automotive batteries at the Korean Quality Excellence Award, a prestigious award that celebrates product quality reflected by customer satisfaction. Today, Delkor batteries are renowned for quality—in fact, one of the best in the world.

### Unrivaled technology

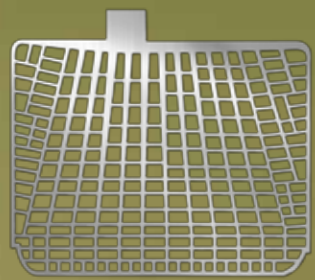
As part of Johnson Controls, each Delkor battery has access to the most advanced technologies and state-of-the-art production facilities. Our patented proprietary PowerFrame® grid technology strengthens, reinforces, and makes all the difference to automotive batteries. It is what's inside that matters.

### Keeps getting better

We believe the power of taking one more step into the future is in our hands. Pushing the horizons, we continue to innovate and set our sights on the next era of battery technology.

Going beyond what today beholds. That's the power of Delkor brand.

## Power to be on the edge of technology



### PowerFrame® grid technology

Our batteries are not built with just any grid, but a PowerFrame grid. A patented technology exclusive to Johnson Controls, developed for reinforced battery strength. PowerFrame grids are made by rolling metals into strips that are then stamped into the grid shape. Result? A stronger, more durable frame beyond comparison.

### Structurally strong

Up to 66% more durable and corrosion-resistant.

### Patterned for power

Provides superior cranking power with up to 70% better electrical flow.

### Clean construction

Manufactured using 20% less energy and produces 20% fewer greenhouse gases than other manufacturing processes.

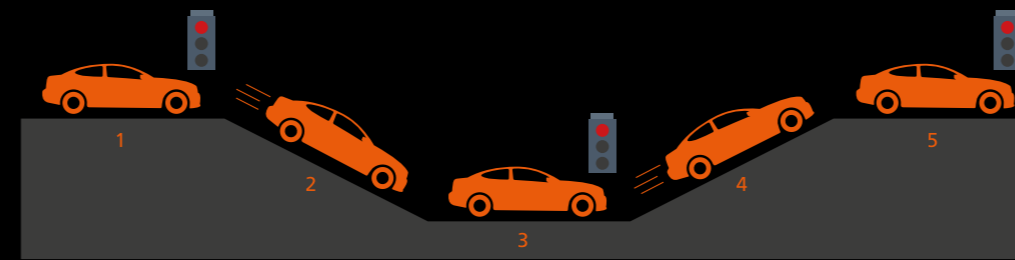
PowerFrame on the outside, for True Strength™ on the inside.



## Start-Stop Technology

Delkor® AGM is more than just a powerful battery. It is an advanced automotive battery, backed by Start-Stop Technology to help improve fuel efficiency, increase fuel savings, and reduce carbon emission.

Here's how it works:



### Stage 1. Main Mode: Discharge and engine off

At red light, as soon as the driver's foot is off the accelerator and on the brake, the engine stops.

### Stage 2. Main Mode: Discharge and engine off

Regenerative Braking System activates the moment the driver's foot is off the accelerator on downhill or flat road.

### Stage 3. Main Mode: Discharge and engine off

At red light, as soon as the driver's foot is off the accelerator and on the brake, the engine stops.

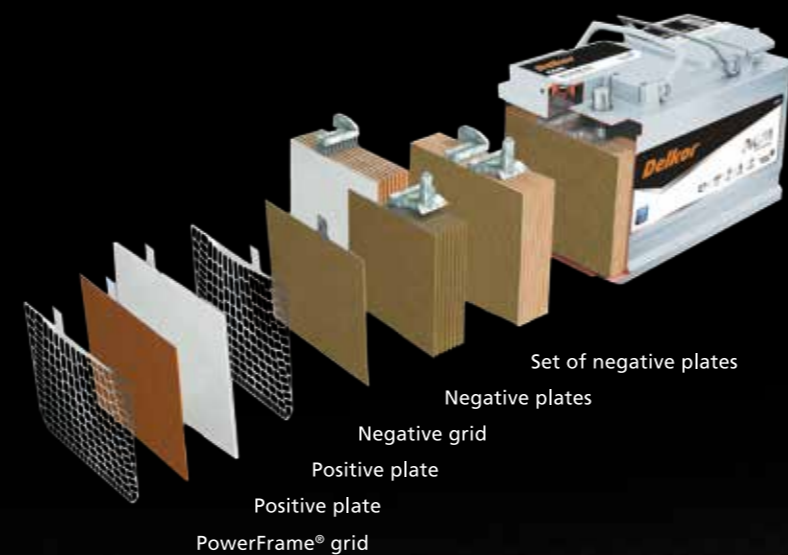
### Stage 4. Main Mode: Discharge and engine off (Depends on battery status)

If the battery can allocate more electric power to other components, passive boost function is available for starting power.

### Stage 5. Main Mode: Discharge and engine off

At red light, as soon as the driver's foot is off the accelerator and on the brake, the engine stops.

## Look inside for True Strength™ within



## Power to enhance your drive

Vehicles with Start-Stop Technology have different power needs. That's why we did not settle for standard automotive batteries. Delkor® AGM and EFB batteries boast superior technologies to be in perfect sync with your start-stop vehicle.

Helping you to save on fuel. Moving you with reliable streams of power.



### Delkor AGM

- Maintenance-free
- Designed for vehicles with advanced start-stop function and regenerative braking
- Delivers outstanding performance for powerful engines and highly-equipped cars
- AGM lead-acid enables battery to be repeatedly charged and discharged without performance loss
- Up to 3X longer life than conventional batteries
- PowerFrame® grid technology for high starting power and reliable performance
- Vibration resistance
- Non-spillable, mountable in any orientation



### Delkor EFB

- Maintenance-free
- Designed for vehicles with conventional start-stop function
- Delivers consistently-high performance for highly-equipped cars
- Up to 2X longer life than conventional batteries
- PowerFrame grid technology for high starting power and reliable performance

