

EV Features and EV Tire Requirements

To feel maximum performance from your EV, you need iON tires developed exclusively for EVs. iON utilizes Hankook Tire's iON INNOVATIVE TECHNOLOGY, to perfectly bring out the best in electric vehicles and optimal driving performance.



Battery EV

hybrid EV



* Battery EVs and Plug-in Hybrid EVs share similar characteristics, making them equally well-suited for EV-specific tires.

iON possesses a system of EV-exclusive tire technology specifically designed to meet the demands of electric vehicles.

TECHNOLOGY

	Low Noise Sound Absorber	Longer Tread Life Super Mileage	High Grip Perfect Grip	Low Rolling Resistance Extreme Lightness
Profile & Structure Technology	Noise Redux Quiet Flex	Round Even	Grip Boost	Power Reserve
Pattern Technology	Noise Guard Opti Pitch	Opti Tread	Grip Claw	Cooling Tread
Compound Technology	Silent Tread	ProDurable Compound	ProGrip Compound	ProCoupling Compound Opti Cure

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Hankook Tire secured 326 EV technology patents, 58 of which are used exclusively in iON.





EV Noise Performance improved

Sound Absorber

TECHNOLOGY





* Based on internal experiments. Results may vary depending on actual environment.

iON offers a QUIET AND PLEASANT RIDE in all speed ranges.

EV Battery Added Weight optimized

Super Mileage



ION INHOVATIVE[™] TECHNOLOGY

* Based on internal experiments. Results may vary depending on actual environment.

iON delivers **LONGER TREAD LIFE** for heavy electric vehicles.

EV High Instant Torque grip improved

Perfect Grip



* Based on internal experiments. Results may vary depending on actual environment. iON delivers **EXCEPTIONAL GRIP AND HANDLING** even with EV heavier load and high torque.





Electric Energy Loss reduced

Extreme Lightness





Profile & Structure Technology	Pattern Technology	Compound Technology	
Power Reserve	Cooling Tread	Opti Cure	ProCoupling Compound
		Equally cured OPTIMIZED	
Optimized tire gauge with advanced structure design	Optimized tread heat through extensive virtual testing	Achieved uniform curing by optimizing curing conditions	Improved fuel efficiency by optimizing compounds for higher silica dispersion
4% higher LRR perf. with 4% weight reduction	3% higher LRR performance		max 8% higher LRR performance

* Based on internal experiments. Results may vary depending on actual environment. The iON delivers LONGER TRAVEL ON A SINGLE CHARGE by reducing rolling resistance.



Hankook Tire & Technology