



MULLEN™ Fact Sheet

MULLEN is a California-based electric car and battery company focused on green technology. MULLEN's core technology – advanced lithium-ion battery systems – will power a new generation of clean vehicles and drastically improve the efficiency and rate of adoption of clean energy sources like wind and solar power. MULLEN's 100% electric sedan is the first product to benefit from its advanced technology.

MULLEN has a global joint-venture with Lishen Power Battery, one of the world's largest manufacturers of lithium-ion cells, for the design, manufacture and sale of battery systems. The joint-venture is called LIO Energy Systems™.

MULLEN Sedan

The MULLEN™ is a four-door, five passenger battery electric vehicle (BEV) capable of providing a dependable, all-season range of 90-175 miles on a single charge. The MULLEN will be the first mainstream all-electric sedan from an all-electric car company when it enters the market in the coming months.

The MULLEN Sedan will come equipped with numerous standard features including satellite-ready AM/FM/XM radio with MP3, iPod®, iPhone® and USB connectivity, an 8-inch color touch-screen featuring turn-by-turn navigation with available real-time traffic and weather updates, GreenScreen™ system that monitors driving efficiency, Bluetooth® hands-free phone system, vehicle security system, power windows, power door locks, and 17-inch forged aluminum-alloy wheels.

Standard safety equipment includes Anti-lock Braking System with Electronic Stability Control and six advanced airbags with an Occupant Detection System.

General Information

All-electric, four-door, five-passenger sedan

Zero tailpipe emissions

Real-world driving range of 90-175 miles on a single charge (US06 and UDDS test cycles)

Electronically limited top speed of 80 mph

Average recharge time of 6 hours from a 220V (30AMP) line

Technical

333V, 33.8 kWh Lithium iron phosphate (LiFePO₄) battery

Active Thermal Management System

Battery pack is made up of 728 cells

DC:DC Converter producing 2.2 kW @ 13V

6.6 kW / 240VAC input on-board charger

Batteries located under the seats/floor to optimize balance and better distribute weight

Electric motor producing 100kW/134 horsepower and 300 Nm/221 lb-ft of torque

Single Speed Gear Reduction transmission

Suspension and Steering

Four-wheel independent suspension with front and rear MacPherson struts

Rack-and-pinion electric power steering

Standard 17-inch forged aluminum-alloy wheels with 205/45 RF 17 88H XL tires

Available uniquely-styled 17-inch forged aluminum-alloy wheels with 205/45 RF 17 88H XL tires



Safety

- Anti-Lock Brake System (ABS) with Electronic Stability Control (ESC)
- Intelligent Air Bag System with an Occupant Detection System
- Standard advanced dual-stage front driver and passenger airbags
- Standard seat-mounted side impact air bags
- Standard roof-mounted curtain air bags
- 3-point, pre-tensioner equipped, force limited seat belts
- Collapsible steering column
- Child restraint anchorage systems
- All applicable Federal Motor Vehicle Safety Standards (FMVSS)
- Anticipated 4 or 5-Star NCAP crash safety ratings

Technology

- Satellite-ready AM/FM/XM radio
- SIMPLENAV™ Touch screen navigation with turn-by-turn directions
- SIMPLETUNES™ Media with MP3/USB connectivity and DVD playback
- Bluetooth® hands-free phone capability with touchpad or voice dial capabilities
- Available QuickLink™ Feeds with one-touch weather, traffic, news, sports scores, and stock market updates
- GreenScreen™ system that monitors driving efficiency and energy consumption
- 2.0 kW Air Conditioning for cabin cooling

Warranty

- Vehicle Limited Warranty 5 years / 100,000 miles
- Lifetime battery warranty to original purchaser, non-transferable.

Manufacturing and Supplier Information

MULLEN controls all elements of design, manufacturing and engineering work internally while working with established automotive manufacturers and suppliers. In total, MULLEN has more than thirty global suppliers and service providers on four continents including BorgWarner, UQM Technologies, Energy CS, Continental, Delphi, Celgard, Novolyte Technologies, OMITEC, Lear and Hella.

Excluding the battery system, the MULLEN is sub-assembled under the supervision of MULLEN on an assembly line MULLEN leases in Asia. Gliders are shipped to the US for final assembly in California. The final inspection and quality assurance processes also take place in California.