

AeroFlow Detailed Specification Document

1. Overview

- AeroFlow is the ideal family electric vehicle, balancing space, comfort, and efficiency. Designed with family needs in mind, it offers a safe, spacious, and environmentally friendly option for everyday family life and leisure.

2. Design Specifications

- Exterior Design: Features a sleek, modern design with a spacious interior layout. The AeroFlow is available in colors such as Coastal Blue, Sunset Orange, and Pearl White.
- Interior Design: Boasts a versatile and roomy interior with three rows of seating, accommodating up to seven passengers. Includes child-friendly materials, ample storage space, and easy access to all seats.

3. Performance Specifications

- Engine and Motor: Single electric motor optimized for efficiency and reliability, providing a smooth and quiet driving experience.
- Battery and Range: Equipped with a 60 kWh battery, it has a range of approximately 230 miles per charge, suitable for daily commutes and family trips.
- Acceleration and Top Speed: Prioritizing safety and comfort over speed, it accelerates from 0 to 60 mph in a comfortable 8 seconds, with a family-friendly top speed.

4. Technology and Features

- Infotainment System: Features an intuitive 13-inch touchscreen infotainment system with voice commands, dedicated child entertainment options, and multiple connectivity ports.
- Driver Assistance Systems: Includes advanced safety features like automatic emergency braking, blind-spot monitoring, and adaptive cruise control tailored for family safety.
- Connectivity: Complete with in-car Wi-Fi, real-time traffic updates, and remote vehicle monitoring and control via a smartphone app.

5. Safety and Security

- Safety Features: Reinforced frame for enhanced safety, complete with advanced airbag systems and a high safety rating in crash tests.
- Security Features: Features such as child safety locks, geo-fencing, and speed alerts for teen drivers.

6. Maintenance and Warranty

- Regular Maintenance: Designed with low maintenance requirements in mind, it includes an easy-to-follow service schedule.
- Warranty: Comes with a 7-year/70,000-mile comprehensive warranty and an 8-year/90,000-mile battery warranty.

7. Pricing and Models

- Pricing Structure: Starts at an accessible price point of \$40,000, offering excellent value for a family vehicle.
- Model Variants: Available in Basic, Comfort, and Luxury editions, with each step up adding more features and conveniences.