

PowerRide Detailed Specification Document

1. Overview

- The PowerRide stands as the epitome of performance in the electric vehicle (EV) sector. Designed for enthusiasts who crave power and efficiency, this model combines cutting-edge technology with breathtaking acceleration and handling, making it a top choice for those seeking an exhilarating driving experience.

2. Design Specifications

- Exterior Design: The PowerRide boasts a bold, aerodynamic design with sleek lines and an assertive stance. Available in colors like Graphite Grey, Electric Blue, and Pearl White.
- Interior Design: A luxurious cabin featuring premium leather seats, a panoramic sunroof, and customizable ambient lighting. The spacious interior ensures comfort without compromising on style.

3. Performance Specifications

- Engine and Motor: Equipped with a dual-motor setup, the PowerRide delivers a combined output of 400 horsepower and 500 lb-ft of torque.
- Battery and Range: A high-capacity 85 kWh battery offers a range of up to 320 miles on a single charge, with a rapid charging feature that reaches 80% charge in just 40 minutes.
- Acceleration and Top Speed: Accelerates from 0 to 60 mph in a stunning 3.8 seconds, with a top speed of 155 mph.

4. Technology and Features

- Infotainment System: A state-of-the-art 15-inch touchscreen with intuitive controls, voice recognition, and seamless smartphone integration.
- Driver Assistance Systems: Advanced driver-assist technologies including autopilot capabilities, lane-keeping assist, and adaptive cruise control.
- Connectivity: Full LTE connectivity, Wi-Fi hotspot, and over-the-air software updates.

5. Safety and Security

- Safety Features: Reinforced frame structure, multiple airbags, and top-tier safety ratings in crash tests. Advanced braking and collision avoidance systems.
- Security Features: Biometric vehicle access, real-time GPS tracking, and remote vehicle monitoring.

6. Maintenance and Warranty

- Regular Maintenance: Low maintenance needs with scheduled check-ups recommended every 10,000 miles.

- Warranty: 8-year/100,000-mile warranty for the battery and powertrain, alongside a 4-year/50,000-mile general vehicle warranty.

7. Pricing and Models

- Pricing Structure: Starting at \$75,000, with additional costs for optional features and packages.
- Model Variants: Available in Standard, Performance, and Extended Range variants to suit various preferences and needs.