

TerraCross Detailed Specification Document

1. Overview

- TerraCross is engineered for the adventurous spirit. Combining robust all-terrain capability with the eco-conscious efficiency of an electric vehicle, it's the ultimate choice for those who seek adventure and care about their environmental footprint.

2. Design Specifications

- Exterior Design: Bold and rugged with a strong stance, designed to handle tough terrains. Available in Earthy Green, Canyon Red, and Mountain Grey.
- Interior Design: Spacious and durable interior with high-quality, all-weather materials. Equipped with advanced climate control to maintain comfort in any environment.

3. Performance Specifications

- Engine and Motor: Dual electric motors provide high torque for off-road performance, with a total output of 350 horsepower.
- Battery and Range: A robust 75 kWh battery ensures a range of up to 250 miles, ideal for long excursions. Features solar panel charging options for extended trips.
- Acceleration and Top Speed: Designed for strength over speed, it accelerates from 0 to 60 mph in 6.5 seconds, with a top speed suitable for off-road use.

4. Technology and Features

- Infotainment System: Includes a ruggedized 12-inch touchscreen display with GPS and off-road navigation systems.
- Driver Assistance Systems: Off-road assist features like hill descent control, rock crawl mode, and adjustable suspension.
- Connectivity: Enhanced satellite communication capabilities for remote areas, alongside standard connected features.

5. Safety and Security

- Safety Features: Reinforced body structure for off-road safety, advanced traction control, and roll-over prevention systems.
- Security Features: GPS-enabled anti-theft tracking, remote vehicle diagnostics, and emergency response capabilities.

6. Maintenance and Warranty

- Regular Maintenance: Durable build with recommended service checks every 15,000 miles or after major off-road trips.
- Warranty: 6-year/75,000-mile comprehensive warranty and 10-year/100,000-mile warranty on the battery and electric drivetrain.

7. Pricing and Models

- Pricing Structure: Starting from \$60,000, reflecting its advanced capabilities and features.
- Model Variants: Available in Base, Explorer, and Summit editions, each offering different levels of luxury and off-road technology.