EV Motor Harness

Precision Tailored for Every Motor



Overview

WIPE hotwire EV Motor Harnesses are purpose-built for 2-wheeler EVs with hub and mid-drive motor configurations. Manufactured end-to-end in-house, from wire to finished harness, they are IP67 certified for reliable performance under high current, heat, and continuous vibration.

Key Features

- IP67-rated protection with validated water ingress resistance, designed for demanding EV operating environments
- Engineered for high performance and durability
- Pioneers in designing wire harnesses for electric two-wheelers
- In-house design capability from wire to complete harness

Applications

- Hub motor two-wheelers
- Mid-drive motor configurations
- Electric scooters and motorcycles
- EV manufacturers and system integrators

Technical Specifications

- Power Range: 700W to 20kW
- Running Current: 35 to 200 Amp
- Maximum Current: 300 Amp
- Rim Diameter: 10 to 17 Inch (hub and mid-drive configurations)
- Wire Insulation Temperature Rating: -40°C to 260°C, depending on the actual harness construction and application
- IP Rating: IP67

Typical Harnesses Include

- Motor Phase Harness
- Hall Sensor Harness
- Controller Harness
- Throttle Harness
- Battery Harness
- Charger Harness
- Display Harness
- Brake Sensor Harness
- DC Converter Harness
- CAN Harness

WIPE hotwire
Precision Manufacturing for Global Possibilities