

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