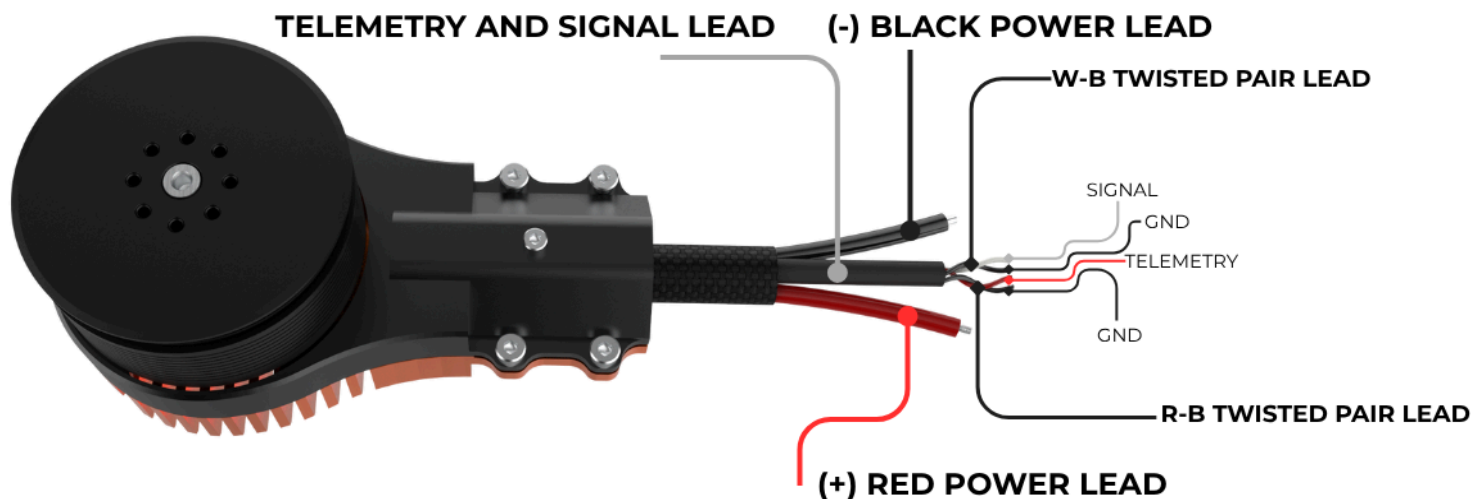




RD X6-6218 150kV IPU, 12S-60A

Wiring Diagram

(For Drone OEMs & DGCA UAS Integration)



Wire Gauge (AWG)

1) Power Input: 12 AWG

2) Motor Output Leads: 14 AWG

Note: Note: The IPU now features two separate connectors to improve signal isolation and maintain data integrity: a **3-pin 2.54 mm Dupont connector** dedicated to the **Signal (white)** and Signal Ground (black), and a separate **2-pin or 3-pin Dupont connector** for **Telemetry (red)** and Telemetry Ground (black). These connections are organized into twisted-pair cables, enclosed in a durable wire sleeve for EMI protection and cable management.