

ABSTRACT

Disclosed is a motorcycle wheel-side dual-motor drive system, including a rear fork fixing seat connected to a frame. Two sides of the rear fork fixing seat are provided with left and right power rear fork housings, left and right drive motors are provided in the corresponding left and right power rear fork housings, respectively, both the left and right drive motors are in transmission connection with an output shaft of a drive wheel, and transmission between the right drive motor and the output shaft is one-way transmission. By dividing a conventionally designed mid-drive motor or hub motor into two smaller wheel-side motors, the weight distribution of the entire vehicle is more reasonable and the handling performance is better; more space is available for larger batteries, increasing the endurance mileage; the waterproof performance of the motor is improved; and more power-saving performance and more coordinated appearance are provided.

[Fig. 2]