

Identifying illegal ELECTRICALLY ASSISTED PEDAL CYCLES (EAPCs)



Electric motor mounted to the front or rear wheel (or under the pedals) to provide electric drive without pedalling



Twist and go throttle and accelerator

Battery mounted to the frame with zip ties or other methods



Crank mounted motor - mounted to the frame with zip ties or other methods

Front-wheel mounted electric motor - mounted to the frame with zip ties or other methods



Thumb throttle which is sometimes used instead of a twist throttle

EAPC's are legal to ride without a licence or insurance if the rider is aged 14 or over and the bike meets the following criteria:

- The motor must have a maximum output of 250 watts
- The motor must only assist while pedalling (not via a 'twist and go' throttle/accelerator)
- The electric motor must disengage once the bike reaches 15.5MPH(25KMPH)
- The bike must display manufacturer information, battery details, maximum speed, and power output, either on a securely fitted plate or clearly marked on the frame.

If an e-bike does not meet these criteria, it is classed as an electric moped or electric motorcycle and must comply with relevant laws, including registration, insurance, helmet use, and appropriate licensing.

For more information search → Operation Gears on iForce

