

Details of Technical Requirements

Requirements
Construction of PAB shall be similar to that of a conventional bicycle and it shall only be powered by an electric source
Motor of PAB can cut in only when the rider starts to pedal
The PAB shall comply with European Standard EN15194, or its equivalent. (optional start-up assistance mode under the EN15194 Standard is not adopted)
Motor power of the PAB shall be progressively reduced ¹ and finally cut off as the bicycle reaches 25km/h, or sooner, if the cyclist stops pedalling (part of EN15194 Standard)
Maximum Motor Power Output rating of the PAB's motor shall not exceed 250W (part of EN15194 Standard)
Unladen weight of the PAB shall not exceed 20kg

Approved Seal before 1 February 2016



Approved Seal after 1 February 2016



¹ As EN15194 requires motor power assistance to be progressively and smoothly managed, this makes the PAB less prone to jerking when moving off from a stationary position, making it safer for the rider and other road users.