

Details of Technical Requirements

Current Requirements	Revised Requirements
Construction of PAB shall be similar to that of a conventional bicycle and it shall only be powered by an electric source	No change
Motor of PAB can cut in only when the rider starts to pedal	No change (optional start-up assistance mode under the EN15194 Standard will not be adopted)
No requirements for PAB to comply with any widely recognised standard	The PAB shall comply with European Standard EN15194, or its equivalent
Motor of the PAB shall cut off when the bicycle reaches 25 km/h, or sooner, when the cyclist stops pedalling	Motor power of the PAB shall be progressively reduced ² 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 (MPO) rating of the PAB's motor must not exceed 200W	Maximum MPO rating of the PAB's motor shall not exceed 250W (part of EN15194 Standard)
No requirements on PAB weight limit	Unladen weight of the PAB shall not exceed 20kg

Existing Seal



New Seal



² 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.