

TECHNICAL INFORMATION DERNY BIKE

Derny Bikes

- The Derny Bike is a moped-style bike to replace human pacing, the shelter shall be fundamentally the same as that afforded by a bicycle.
- No part of the moped may be surrounded by leather, rubber, felt or other materials that could act as an artificial wind-break.
- Additional shelter for the saddle is absolutely forbidden.
- Rubber grips for the handlebar are absolutely forbidden.

Requirements

- Fixed front chain-wheel.
- Single-track and one-seater.
- Machine (including front fork) made of tubing (similar to that used for the construction of an ordinary bicycle).
- Aluminium structure.
- It must have an on-board computer that displays battery strength, cruising range and speed.
- It should reach a top speed of at least 50 km/h.
- Height of the frame between 560mm minimum and 580mm maximum (distance taken from the chain-set spindle to the axis of the upper tube).
- Height of the chain-set spindle above the ground shall be from 230mm minimum to 290mm maximum.
- Width of the chain-set (including pedals) shall be 380mm maximum.
- The saddle shall be 300mm maximum in length by 150 to 180mm in width.
- The saddle shall overhang the frame by an equal distance on each side.
- Handlebar made of one piece, maximum 500mm across.
- The handlebar grips shall be at 870mm from the ground.
- 650mm diameter metal rims wheels fitted with a 55mm tyre.
- 700mm diameter rear wheel fitted with a 42mm tyre.
- The mudguard shall be made of steel.
- Rear mudguard must be maximum 70mm width and 140mm high.
- **Must meet UCI Rules and Regulations.**

Technical warranty required: Minimum 12 months

Figure 01



Image in this document is referential