

DIMENSIONS (mm)	Front Track : 880 Wheelbase : 1430 Height : 1350 (handlebar) ; 600 (seat) Length : 1900 (with no bodywork)
CURB WEIGHT (kg)	35-40 ab
BODYWORK	Composit material (Nylon+Carbon) for 3D printed parts or in Abs if thermoformed
CHASSIS	Central structure made with alluminum pipes $\Phi 20 \times 2$ and crossbar plywood board (okumè) 25mm thickness.
SUSPENSIONS	Front : indipendent, upper and lower wishbones 3mm thick metal plate made, 2 springs and 2 shock. Rear : swingarm and fork system, square Fe360 pipes 40x10x2 and 20x20x2 made; 1 shock actuated by rocker; brake disk on wheel hub.
WHEELS	Cycling type wheels, diametro 20" x 1.95 front and 20" x 2.40 rear
POWERTRAIN	Electric rear wheel drive (in-wheel motor), power : 500W/1000W, electric voltage : 36V/48V, current : 10/15/20/25Ah; 1 controller 36V/48V, display LCD. Brushed motor : chain, sprocket and drive sprocket transmission (same electrical characteristics) with controller for brushed motors.
ENERGY STORAGE SYSTEM / RANGE	Batteries al Li-Po / 36 V/48V – 10/15/20/25Ah – depends by configuration
PERFORMANCE	Velocity 25kmh (15mph) – depends by configuration

