



# Technical documentation

## WHEELS

One block aluminum CNC machined wheels.

## BRAKES

Oversized hydraulic disc brake.

## SEAT

Anatomically adjusted child seat which allows complete freedom of movement.

## BATTERY / POWER / MOTOR

MX1 6000 mAh battery pack for maximum durability.

MX2 9000 mAh battery pack for maximum durability.

Equipped with smart BMS system means overcharging, over-discharging, short circuit, overtemperature protection.

Charging port, protected against incorrect charger connection.

The power button, secured against accidental switching on or off.

Powerful brushed dc motor 750 wats for maximum performance.

Fast 4A Charger with overcharge protection and green led signal when charged.

## GEARBOX

Heavy-duty gearbox, fully designed and built for bike, 5 bearings, 15 hardened steel gears, no plastic parts.

## ELECTRONICS

Multicolor led signals the selected driving mode

Electronics developed especially for this bike, an intelligent combination of power and a state-of-the-art processor that monitors all parameters of the bike in real-time and sends it to the app using Bluetooth technology.

## SAFETY AND PERFORMANCE

Large and comfortable footrest, anti-slip, secure and firm support for maximum driving safety.

Flip-chip for maximum performance, adjusting front wheel low or high mode.

Motorcycle-style throttle handle.

Lightweight frame machined from billet alloy Aluminium block.

## OTHER INFORMATION

Three MX1 driving modes: Beginner (8 km/h) ; Intermediate (15km/h) ; Advanced (20 km/h)

Three MX2 driving modes: Beginner (8 km/h) ; Intermediate (17km/h) ; Advanced (25 km/h)

Bicycle is not for the road use.

MX1 maximum load capacity 27 kg.

MX2 maximum load capacity 55 kg.