

Lighter.  
Smarter.  
Faster.



**BIRO** Bolt

# Birò Bolt is the natural evolution of Birò Classic

This vehicle is even more suited to modern mobility needs. With Birò Bolt, driving on dual carriageways is no longer off-limits: the top speed available has gone up from 45 km/h to 60 km/h. This allows the Birò Bolt to respond more niftily in traffic, with a better performance during overtakes, providing a new and more sophisticated solution for your urban mobility needs. However, **the top performance offered by Birò Bolt is not limited to speed alone**. The additional high beam headlights and the reinforced chassis make it safer, while the new shock absorbers make it even more comfortable.



## More speed, same range

Birò Bolt is fitted with two 1.9 kW motors, which provide **30% more speed** than a Birò Classic. Thanks to the top speed of a generous 60 km/h, Birò Bolt is the perfect vehicle not just in congested narrow city streets, but also for zapping in and out of traffic on beltways or on dual carriageways.

The speed has increased, but **the range hasn't for that matter decreased**: you can travel approximately 90 kilometres on one charge. With Birò Bolt no road is off-limits.

60  
km/h



# BIRÒ

## Bolt

- > Greater motor power and new control unit mapping
- > Top speed of 60 km/h
- > Improved stability thanks to the front anti-roll bar and the rear torsion beam
- > Better performing suspension both front and rear
- > New lighting system with additional high beam headlights with integrated low beams



## Overview

### Technical data

#### Weights

- Weight without battery: 310 kg
- Max weight with battery: 360 kg
- Overall kerb weight with 75 kg driver: 435 kg

#### Dimensions

- Front axle: 1040 cm
- Rear axle: 1090 cm
- Total length: 1740 cm
- Height: 1590 cm

#### Wheels

- Front:
  - rim Ø: 13x4"
  - Tyre: 145/60 R13
- Rear:
  - rim Ø: 13x4"
  - Tyre: 145/60 R13

#### Battery

- Voltage: 44.4V
- Estimated range: 90 km

#### Motor

- Voltage: 48V
- Total power: 3.8 kW

### Dimensions and Load capacity

Birò Bolt retains the characteristics of the Birò Classic but it is also available in the Big and Box versions, with the same features and dimensions.

## Frame colours

01



#### Basic Colours

- 01 White
- 02 Green
- 03 Black

02



#### Optional Colours

You can choose among 99 colours

03



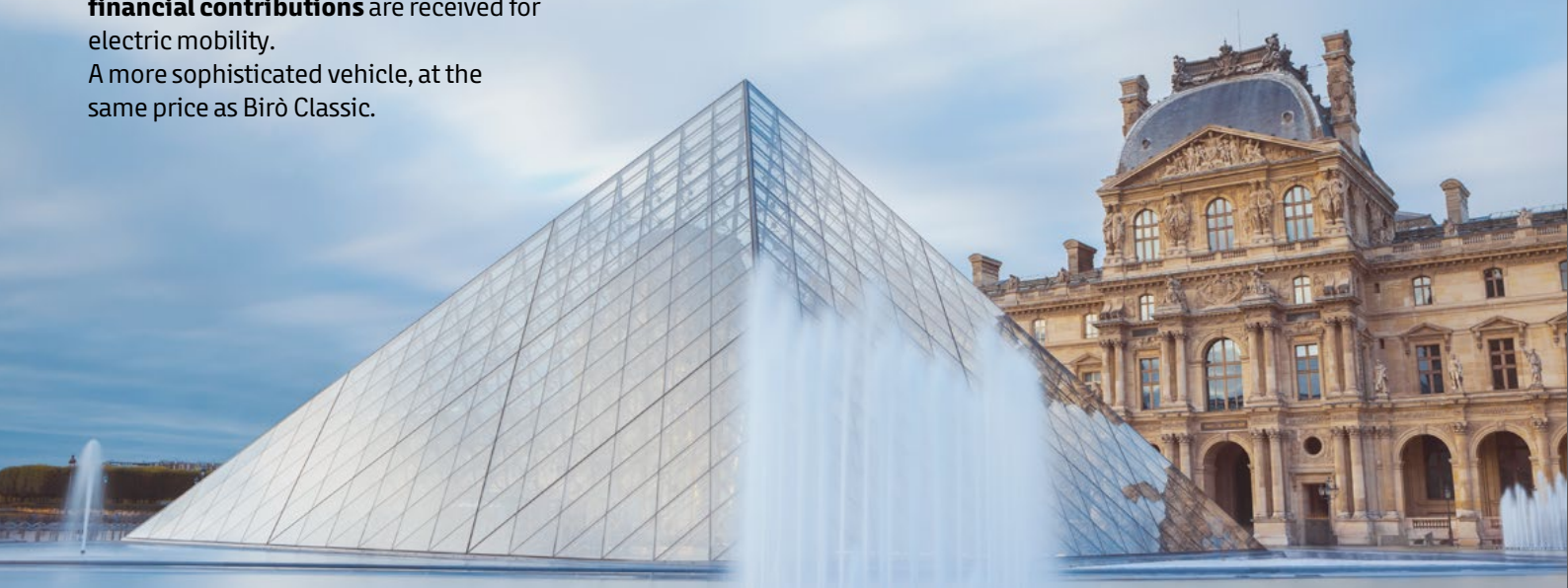
**Birò Bolt** is the perfect solution for today urban mobility requirements, thanks to its top speed of a generous 60 km/h. Zippy in city traffic and nimble on dual carriageways.

I'm Easy. **BIRO**

## An open door to new markets

While Birò Classic is classified in the L6e category (light quadricycles), Birò Bolt comes under the L7e category (heavy quadricycles). This regulatory framework releases us from category restraints: in many European countries, Birò Bolt in category L7e is part of a classification which means **greater financial contributions** are received for electric mobility.

A more sophisticated vehicle, at the same price as Birò Classic.



# Evolution continues

Estrima focuses on the unwavering pursuit of technological progress. Birò Bolt is the result of the need expressed by our customers to have a more versatile vehicle on dual carriageways.

But for us, Birò Bolt is not just a sales opportunity; indeed, it is also an engineering challenge, which will launch us onto the international car-maker scene with the 3rd model in our range.

Birò Bolt will also be **available in the Winter version**, with doors and a heated windscreen; **in the Big version**, which is perfect for private individuals who want more luggage room, and **in the Box version** dedicated to last-mile deliveries and more.



## **Estrima S.r.l.**

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