

elbilNORGE 

EiBil Norge AS Femanda Nissens gate 7, N-0484 Oslo, Norway

Phone: +47 22 22 39 22 - Fax: +47 22 22 39 21

E-mail: post@elbilnorge.no - Web: www.elbilnorge.no



Small, funny and reliable

Kewet Buddy aims to be one of the least expensive electric cars on the commercial market – with a satisfying performance for city use.

The design is based on easily available materials and practical solutions, with little emphasis on additional equipment and fancy extras. Less parts – less can break down.

The technological platform is well tested, which allows us to make slight modifications for improvements, and still be able to confirm that this is a very reliable electric vehicle made at a reasonable cost.

3-seater

In January 2005 the newly developed 6th generation of Kewet – the Buddy – received a homologation according to EC directives. Technology, as well as design, is developed in accordance with the many years of user-experience, both from private use and fleets, and from extreme coldness (Norway) to extremely hot weather (Thailand).

We have broadened the market niche by making the Buddy a 3-seater approved for 3 adults.

The passengers' safety is well taken care of by the frame and safety cabin made of steel tubes, the doors with crossbars and the deformation zones in the front and rear.

The Buddy allows flexibility for varying battery technologies both where electronics and space are concerned. And of course, the batteries are completely safe and maintenance-free. Regenerative braking and low weight contribute to an energy efficient vehicle.

For all occasions

The car is small, which makes you happy when you are looking for parking spaces in the city. Still you will be surprised what this Buddy size S can carry for you. The luggage compartment is designed around two cases of beer – or 6-8 bags of groceries. It is a "multituse" vehicle with possibilities for coupling devices and racks for skis or bicycles!

Who's your Buddy now?

The new electric car from Norway, made by EiBil Norge.



KEWET **buddy**
Compact, yet uncompromising

More will follow

The Kewet Buddy assortment is already widened with the BuddyCab, a lively-looking convertible built on the same platform as the Buddy itself.

We have made prototypes of the BuddyVan, a delivery truck for city use. In two years the driving range of the vehicle will be extended to 80-100 km, broadening the market for this kind of vehicle.

Experience and patience

EiBil Norge AS (Ltd.) is a company based in Oslo, Norway, and has more than thirteen years experience of manufacturing, marketing and maintaining electric vehicles. Several leading Norwegian companies with considerable industrial and technological experience have invested in EiBil Norge AS, including the country's largest electricity supplier.

The Kewet was originally developed in Denmark, but in 1999 EiBil Norge acquired ownership of the technological and production rights after sales of more than 1.000 vehicles had been achieved.

EiBil Norge and our investor's strategy is to move slowly forward, making the production profitable on a relatively small scale. Our target is to expand the business in Norway, distribute the car in Europe and build up licensed productions.

Look to Norway

The authorities in Norway have ambitious policies for the increased use of electric vehicles, including incentives offering considerable financial and time-saving benefits.

This includes no taxes, no road toll, free parking and use of the bus lane.

As a result we have experienced a strong increase in demand.





Specifications for the Kewet Buddy

Homologation: e11*2002/24*0153*00, category L7e

Seating capacity: 3 adults

Vehicle length / width / height: 244 x 143 x 144 cm

Wheelbase: 155 cm

Turning circle: 7.3 m

Unladen mass (without batteries): 400 kg

Curb weight (without driver, lead acid batteries): 785 kg

Maximum allowed weight: 1,020 kg

Luggage compartment capacity: 150 litre / base 920 x 470 cm

Motor: SepEx 72V DC, 12 kW

Transmission: Gear wheel transmission with differential rear-wheel drive and fully automatic electric gear shift system, gearing 1:7

Top speed: 80-90 km/h depending of battery technology

Acceleration: 0-50 km/h in 7 seconds

Maximum hill-starting ability: 20%

Suspension: Front – MacPherson struts. Rear – Independent telescopic suspension.

Wheels/Tyres standard: Alloy wheels 4x13 // 135(145)/80R13

Brakes: Regenerative braking to enhance the driving range. Disc brakes on all wheels with double circuit braking system. Parking brake on the rear wheels.

Body: Fibre-glass reinforced polyester and ABS

Safety cabin: Welded tubular steel space frame, optional hot dip galvanised

Heating: Electric heater 1600W, optional paraffin heater system

Batteries: Maintenance-free lead batteries, ca 8.4 kWh or optional ca 10.5 kWh available / Safe Li-Ion technology, ca 7.2 kWh or optional ca 14.4 kWh available

Charging time: 0-100% in 6-8 hours, 30-100% in 3 hours

Range: Lead-acid batteries 50-100 km, depending on road conditions, temperature and the driver / Li-Ion batteries up to 150 km

Versions: Cabriolet

- Left-hand drive with metric units for the speedometer.
- Right-hand drive with imperial units for the speedometer.

Additional equipment: Paraffin heater 2.000 W, fan heater 550 W when charging, radio/CD player, coupling device (maximum towable mass 200 kg), sun roof, ski rack and bike rack.

