

e-max

FACT SHEET

electric
power



FEEL THE DIFFERENCE

e-max

Italian design. German Engineering.

About us

In 2004 Baroni Electric Vehicles Ltd was one of the first importers to bring road legal electric mopeds to the UK market.

Having researched all of the various manufacturers that produced these vehicles, it became clear that the main issue in the market was not demand but the worldwide supply of poor quality, unreliable options.

The emax range of electric scooters are purpose built using German technology and Italian design, ensuring the highest quality coupled with style and performance.



Green Machine

For those who reside in busy urban areas, traffic pollution and congestion is an everyday concern. Whilst we cannot claim to be totally eradicating these elements, we share these concerns.

E-max scooters offer style, performance and affordability without polluting the atmosphere.

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Why Electric?

- ✓ *Cheaper to run – approximately 1p per mile*
- ✓ *Zero emissions*
- ✓ *No noise pollution*
- ✓ *Fast acceleration*
- ✓ *Easy to ride - stop and go throttle*
- ✓ *Better handling due to low centre of gravity*
- ✓ *Very low maintenance*
- ✓ *More convenient – charge at home, at the office or at designated free on-street charging bays (shown below)*
- ✓ *Exempt from road tax*
- ✓ *Low insurance*
- ✓ *No congestion charge*



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How does it work?

*The e-max moped is powered by a 4000 Watt **electric** motor built into the rear wheel.*



*The 'fuel' is provided by sealed silicone batteries, which, like the motor, are completely **maintenance free**.*



*This virtually silent vehicle can be fully charged from a mains socket in as little as **3 hours**.*

Features include:

- A dual LCD and analogue display
- Oil pressure hydraulic shocks, hydraulic disc brakes
- Custom-made bespoke cage frame to improve weight distribution and handling.



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How fast - How far - How much

How fast -

*The e-max electric scooters are capable of speeds in excess of 40 mph but have a top speed restricted to 30 mph, so as to be categorised as an L1e moped. Why? Because if you obtained your full car license before 1 February 2001 you are automatically entitled to ride a moped without L-plates**

How far -

Many electric vehicles boast impressive ranges but in almost all cases are wholly inaccurate because they are tested in controlled and unrealistic environments.

How much -

For this reason we only display our ranges at maximum speed for a more fair representation. The first e-max scooters that enter the market will have distance capabilities of 50 - 62 miles.

E-max offer a high quality electric moped that is available at a price that's affordable for the everyday commuter.

Prices start at £2500 + VAT.

Running costs:

*On average an e-max scooter will cost **1p per mile to run.***

*If you obtained a full car license after 1 February 2001 you must first complete a CBT course and obtain a DL 196 certificate to validate your entitlement.



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E-max scooter



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**Technical data
for the e-max**

	e-max 90s	e-max 110s
Maximum speed	37-40 mph (limited to 30 mph)	37-40 mph (limited to 30 mph)
Range (based on 30 mph)*	37 - 43 miles	50 - 62 miles
Battery concept	Silicon Lead Acid	Silicon Lead Acid
Battery capacity	4x12V/40Ah	4x12V/60Ah
Motor (nominal power)	4kW 13" maintenance free	4kW 13" maintenance free
Voltage (maximum)	48V (53V)	48V (53V)
Output (with booster)	35A (80A)	40A (90A)
Charging time	3-5 hours	3-5 hours
Max power in kW (with booster)	2.4 (5.5)	2.5 (4.5)
Weight (of which battery)	151 kg (61 kg)	191 kg (91 kg)
Brakes	hydraulic floating disc front and rear	hydraulic floating disc front and rear
Warranty on batteries	1 year or 10,000 km	1 year or 10,000 km

**Range based on a constant speed of 30mph and may vary according to riding style and road conditions.*

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Warranty & spare parts

- *1 year warranty on all parts excluding expendables, fair wear and tear*
- *Motor warranty 20,000 km or 2 years (whichever comes earlier)*
- *Battery warranty as specified in the technical information*
- *Full range of spares carried in stock*



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baroni

Electric Vehicles Ltd[®]

Contact

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