ELECTRA EV RANGE

GT50EV

The GT50EV is the Electra moped: the classic GT shape with a 45 km/h top speed, zero tailpipe emissions and a range of up to 120 km at a steady 30 km/h.



Shown in Ivory

Maximum power	Range at 30 km/h	Top speed	Battery
4 kW	**120 km**	**45 km/h**	**3.07 kWh**

Available in 4 colours – see over

Royal Alloy GT50EV

Colours



Ivory



Matte Black



Apple Green



Dark Jade

Not every colour is available in every country.
Ask your local Royal Alloy distributor which colours are offered where you live.

Specifications (UK and EU models)

Licence	AM (moped)
Motor	Side-mounted electric motor
Maximum power	4 kW (5.4 hp); 1.5 kW (2.0 hp) rated
Maximum torque	135 Nm (28.5 Nm rated)
Top speed	45 km/h (28 mph)
Range at a steady 30 km/h	120 km (75 miles)
Battery	3.07 kWh, 76.8 V, lithium iron phosphate (LFP)
Battery life	Over 80% capacity after about 1,300 cycles
Standard charging	2 kW; 20–80% in about 50 minutes
Regenerative braking	Standard and Enhanced modes
Frame	Steel space frame with steel body
Suspension	Standard front, adjustable air rear
Tyres	Tubeless, 110/70-12 front, 120/70-12 rear
Brakes	220 mm disc front and rear
Length × width × height	1,920 × 695 × 1,268 mm
Wheelbase	1,380 mm
Seat height	760 mm
Ground clearance	125 mm
Unladen weight	135 kg
Maximum permitted weight	285 kg
Emissions	Zero tailpipe emissions

Figures are supplied by the manufacturer. Range is measured at the steady speed shown; real-world range depends on riding style, load and temperature. Availability, colours and specifications vary by country, so your local distributor can confirm what's available where you live. Power in hp is converted from kW (1 kW = 1.341 hp).