

# ⚡ EV Conversion Price List (Informative)

## Important Notes

- **Pricing:** The listed prices are informative and apply exclusively to the procurement of the **basic component package** (motor, battery, controller, charger, BMS).
- **Key Exclusions:** The price does **NOT** include installation (except for specific vehicles), fabrication of adapter plates and couplers (essential), high-voltage wiring, additional mechanical work, or vehicle testing/homologation costs.
- **Final Price:** Depends on the vehicle type, the complexity of the adapter plate, and the layout of the battery storage. A detailed quote is provided only after an inspection of the specific vehicle.

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## I. Basic Conversion Plans (Component Packages)

This price list offers four basic packages, classified by the vehicle's purpose and weight.

### A. City Cruising Plan (Up to 1000 kg)

| Component                   | Specification   |
|-----------------------------|---|
| <b>Purpose</b>              | Strictly city driving; older and small cars (e.g., Fićo, Moskvich, Smart, Citroën 2CV, Renault 4) |
| <b>Motor</b>                | 15 kW / 30 kW peak power (Air-cooled)   |
| <b>System Voltage</b>       | 96 V DC   |
| <b>Battery (LFP)</b>        | 12 kWh (LiFePO4)  |
| <b>Charger (AC Onboard)</b> | 2 kW  |
| <b>Approx. Range (City)</b> | 80–120 km   |
| <b>Package Price</b>        | ~6,499 €  |

**Important Note:** Air-cooled motors are not recommended for continuous high loads (long inclines, highway driving) in vehicles heavier than 700 kg.

## **B. City Plus Plan (Up to 1200 kg)**

| Component                   | Specification  |
|-----------------------------|--|
| <b>Purpose</b>              | Everyday city driving with improved performance and range (Ford Taunus, Lada, VW Golf, newer vehicles) |
| <b>Motor</b>                | 20 kW / 40 kW peak power (PMSM, Water-cooled)  |
| <b>System Voltage</b>       | 96 V DC  |
| <b>Battery (LFP)</b>        | 17.5 kWh (LiFePO4)   |
| <b>Charger (AC Onboard)</b> | 3 kW   |
| <b>Approx. Range (City)</b> | 100–160 km   |
| <b>Package Price</b>        | <b>7,499 €</b>   |

## **C. Long Range Light Plan (Up to 1300 kg)**

| Component                       | Specification   |
|---------------------------------|---|
| <b>Purpose</b>                  | Mixed driving, better dynamics, and occasional trips outside the city (Mazda 323, BMW 3, Audi 80, VW Passat, VW T1/T2/T3) |
| <b>Motor</b>                    | 25 kW / 45 kW peak power (PMSM, Water-cooled)   |
| <b>System Voltage</b>           | 144 V DC  |
| <b>Battery (LFP)</b>            | 18 kWh (LiFePO4)  |
| <b>Charger (AC Onboard)</b>     | 3 kW  |
| <b>Approx. Range (Combined)</b> | 100–160 km  |
| <b>Package Price</b>            | <b>8,799 €</b>  |

## **D. Long Range Power Plan (Up to 1500 kg)**

| Component                       | Specification  |
|---------------------------------|--|
| <b>Purpose</b>                  | Larger, heavier classics or vehicles requiring higher power (Mercedes Benz, BMW 5, Jaguar, Off-Road 4x4) |
| <b>Motor</b>                    | 40 kW / 65 kW peak power (PMSM, Water-cooled)  |
| <b>System Voltage</b>           | 144 V DC   |
| <b>Battery (LFP)</b>            | 26 kWh (LiFePO4)   |
| <b>Charger (AC Onboard)</b>     | 3 kW   |
| <b>Approx. Range (Combined)</b> | 140–180 km   |
| <b>Package Price</b>            | <b>9,899 €</b>   |

## II. Additional Options & Upgrades

| Upgrade Description                    | Price (€)     |
|--|---------------|
| <b>Electric A/C Compressor (900W)</b>  | <b>435 €</b>  |
| <b>Electric A/C Compressor (2400W)</b> | <b>475 €</b>  |
| Upgrade to 3 kW charger (from 2 kW)    | <b>200 €</b>  |
| Additional 2 kW charger                | <b>289 €</b>  |
| Additional 3 kW charger                | <b>452 €</b>  |
| <b>Homologation (ATEST) in Croatia</b> | <b>~379 €</b> |

*\* A 12 kWh battery can support a maximum charging power of 6 kW.*

*\* An 18 kWh battery can support a maximum charging power of 9 kW.*