

EV vs Petrol Car Insurance – What EV Owners Must Know

As electric vehicles (EVs) become more popular in Malaysia, many car owners are asking:

“Is EV insurance different from petrol car insurance?”

The answer is **YES** – while the basic motor insurance structure remains similar, EVs require several additional protections due to their battery systems, charging equipment, and higher repair costs.

Key Insurance Differences for EVs

1) Battery Protection – The Most Important Coverage

The battery is the most expensive component; EV owners should ensure coverage for:

- Accidental battery damage
- Fire and explosion
- Flood and water damage

However, normal battery wear & tear or degradation is usually excluded.

2) Special Perils / Flood Coverage

Unlike petrol cars, floodwater affecting an EV battery system may result in a total loss declaration. Owners are strongly encouraged to include:

- Flood
- Storm
- Landslide
- Natural disaster coverage

3) Charger & Charging Equipment Coverage

EVs also introduce new risks not found in petrol vehicles. Recommended protection includes:

- Home wall charger damage
- Portable charging cable theft
- Electrical surge during charging

4) Betterment Waiver & Agreed Value

EV parts and electronics are expensive to replace.

- A betterment waiver – helps **reduce out-of-pocket costs** for new replacement parts.
- While agreed value coverage provides **clearer compensation** during **total loss claims**.

5) EV Roadside Assistance

EVs require specialized towing and roadside support for: –

- Flat battery assistance
- Towing to charging stations

- EV-certified towing services

Recommended Insurance Checklist for EV Owners

- Comprehensive Coverage
- Special Perils (Flood)
- Battery Protection
- Charger Coverage
- Agreed Value
- Betterment Waiver
- Windscreen Coverage
- EV Roadside Assistance

Conclusion:

EV insurance may sometimes cost slightly more than petrol car insurance, but the **additional protection is crucial** for helping EV owners avoid costly surprises in the future.

Please reach out to us for guidance on the right insurance coverage for your EV.

Contact us now for a free consultation:

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