

EV MONSOON CARE GUIDE

A complete, practical guide to keeping your electric car and scooter safe, dry and healthy during the Indian monsoon.



EV MONSOON CARE GUIDE



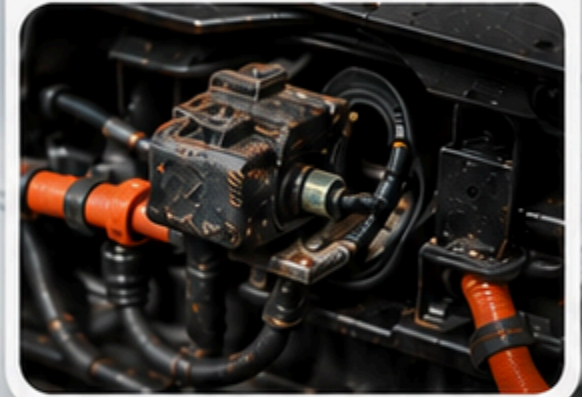
1. Why Monsoon Care Matters For EVs



INDIAN MONSOONS ARE GETTING MORE INTENSE, with urban flooding and longer wet spells.



THIS INCREASES RISKS OF water ingress, corrosion and electrical faults in EVs.



MODERN EVS HAVE HIGH IP RATINGS (often IP65–IP67) but are not for deep water or careless charging.



WATER INGRESS



CORROSION



ELECTRICAL FAULTS



BASIC CARE AND PRECAUTIONS HELP keep EVs safe and healthy during the monsoon.



EV MONSOON CARE GUIDE



2. Pre-Monsoon Checklist

BATTERY & HV SYSTEM

Get a service centre check for battery casing, HV cables and connectors.



SEALS & CHARGING PORT

Inspect and replace worn door/window/boot seals; clean and check charging port seal.



TYRES & BRAKES

Check tread depth, inflation, brake pads/discs and calipers.



UNDERBODY CARE

Apply anti-rust (if needed) and clean mud/debris from undercarriage and wheel wells.



EV MONSOON CARE GUIDE



3. Safe EV Driving Practices In The Monsoon



AVOID DEEP WATER:

Do not cross water above mid-wheel unless the manufacturer allows it.



Mid-Wheel Water Level



BRAKING & REGEN:

Keep longer following distance; use gentle braking and rely on regen for light stops.



VISIBILITY & ROUTES:

Keep lights and windscreen clean; use navigation with "avoid flooded route" to plan safer paths.



EV MONSOON CARE GUIDE



4. Monsoon-Safe Charging Practices (Home & Public)



DRY ONLY:

Never plug in if port, cable, or socket is wet; dry and wait before connecting.



HOME CHARGER SAFETY:

Install under cover, ensure earthing and surge protection; unplug in heavy storms.



PUBLIC CHARGING:

Use covered bays; avoid flooded chargers and report them.



SMART HABITS:

Rest 20–30 min after hard rainy drives; keep battery 30–80% and consider solar/backup options.



EV MONSOON CARE GUIDE



5. Protecting The Exterior & Interior



BODY & PAINT:

- Rinse with low-pressure water.
- Avoid high-pressure on seals/ports.
- Use pH shampoo and microfiber.



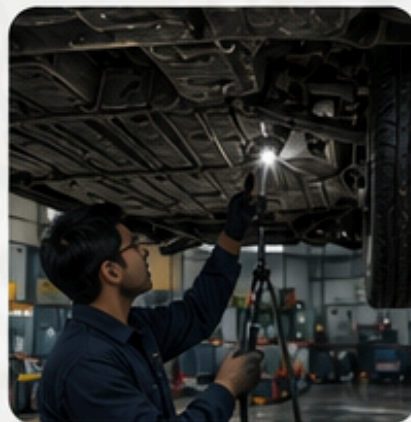
CABIN CARE:

- Use rubber mats.
- Remove standing water.
- Run AC/dehumidifier to dry cabin.



UNDERBODY & WHEELS:

- Check wheel wells and underbody for slush, stones and debris.
- Clean regularly.



EV MONSOON CARE GUIDE



6. Special Notes For Electric Scooters & Two-Wheelers



COVERED PARKING SPOT

Park under cover to protect your scooter from direct rain and water exposure.



LOW FLOORBOARD AREA

Scooters sit low, so they are more vulnerable to splash and puddle immersion.



REAR MOTOR / CONTROLLER

Keep the motor and controller area clean and free from mud and water buildup.



**AVOID DEEP
PUDDLES**



**KEEP MOTOR
CLEAN**



**COVERED PARKING
& COVER**

EV MONSOON CARE GUIDE



7. Quick Monsoon EV Care Checklist



Get pre-monsoon inspection: battery, seals, brakes, tyres.



Apply underbody anti-rust (if needed) and clean undercarriage.



Avoid deep, flooded roads; respect manufacturer wading limits.



Charge only in dry, covered areas; ensure earthing and surge protection.



Use rubber mats; keep cabin and boot dry.



For scooters: avoid deep puddles, keep motor/controller area clean.



After any unsafe water exposure, get the EV inspected before use.

