



WHY INVEST IN EVS, BATTERIES & CHARGING STATIONS IN PAKISTAN?



EV INDUSTRY OVERVIEW

EV PENETRATION TARGET	ELECTRIC BIKES MANUFACTURED	LICENSED 2-3W EV ASSEMBLERS	LICENSED 4W ASSEMBLERS	ICE MOTORCYCLE MARKET BASE	ANNUAL 2 WHEELERS ADDITIONS
30% OF AUTOSALES SHALL BE EV BY 2030	70,000+	61+	2 (REGAL MOTORS, ECO GREEN)	28M+	1.5M

LOCALIZATION & SUPPLY CHAIN

Motor, Charger, Wire Harness, Frames
PARTIALLY LOCALIZED

Battery Cells, BMS, Controllers
100% IMPORTED

EV Charging Equipment
MOSTLY IMPORTED

Recycling Equipment
NOT EXISTENT

TAX & POLICY INCENTIVES

Intact under AIDEP 2021-26

Sales Tax
1% Local
(2-3W & 4W (upto 50kw))
0% CKD Import

Custom Duty on EV Parts
1% (till June 2026)

Hybrid Part Duty
3-4%

KEY EV PLAYERS

2-3W Brands

United, Road Prince, Pak Star, Jolta, Eevee, Sazgar

4W Brands

Regal Motors, Eco Green

EV Parts Vendors

Active in frames, lighting, wiring

BATTERY SECTOR SNAPSHOT

Market Size (2024)	Projected (2032)	Lead-Acid Battery Makers	Lithium Cell Production	Battery Pack Assembly
USD 1.2B	USD 1.8B+	Atlas, Exide, Osaka, Daewoo, Volta	None (Import-based)	Pilot Stage

APPLICATION AREAS



STRATEGIC OPPORTUNITIES

Lithium Pack Assembly (SEZs)	Battery Innovation & Testing Labs
JV-based Cell Manufacturing	Green Loans & Financial Incentives (NEV 2.0)
Charging Infrastructure (Urban & Rural)	Second and third life usage of LFP batteries
Swappable stations and allied equipment	Recycling units
BMS & Controller Localization	Exploration of Lithium

NATIONAL ALIGNMENT

Energy Security

NEV Policy 2025-30 with clear and consistent authority and action plan

Make-in-Pakistan

Job Creation (100,000+)

Export Markets (MEA, Central Asia)