

E-MOTORCYCLE SPARE PARTS & CKD COMPONENTS CATALOG

*Target Market: Pakistan
(CKD Assembly & After-Sales)*

One-Stop Sourcing — reduce supplier count, ensure interface compatibility.

PAKISTAN

Shenzhen City Layjun Technology

One-Stop Sourcing for Electric Two-Wheeler Assembly & After-Sales

About This Catalog

This catalog covers the full bill-of-materials needed for CKD assembly and after-sales service of electric motorcycles, organized into three groups: core EV components (eligible for a preferential 1% duty concession), mechanical & structural CKD parts, and high-frequency after-sales consumables. All items are sourced and bundled through a single window to guarantee interface and protocol compatibility.

01 Core EV Components

1% Duty Tariff Concession

Component	HS Code	Key Specifications	Duty
BLDC / DC Traction Motor	8501.3200	1kW–1.5kW output, high torque, waterproof enclosure	1% duty
Motor Controller	8542.3100	48V / 60V / 72V, compatible with various motor protocols	1% duty
Onboard Battery Charger	8504.4020	48V–72V output, 2A–5A, smart cutoff protection	1% duty
DC-DC Converter	8454.1000	48V–72V to 12V step-down, 10A–20A output	1% duty
Instrument Cluster / Display Meter	–	LCD / LED, CAN bus or UART communication protocol	1% duty
Wiring Harness & Connectors	–	Customized pinouts, waterproof sealed connectors	1% duty

* Preferential 1% duty applies to Category 1 HS-classified components; final rates are subject to verification against the latest Pakistan Customs tariff schedule.

02 Mechanical & Structural Parts

CKD Assembly

Component	Key Specifications
Front Shock Absorber & Rear Suspension	Heavy-duty hydraulic damping
Wheels & Rims	10–14 inch, available for hub-motor setups
Braking System	Hydraulic disc brakes or mechanical drum brakes
Throttle & Accelerator Paddle	Hall-effect sensor, 1–4V signal output
Lock Sets & Small Structural Parts	Anti-theft ignition lock kits

03

After-Sales High-Frequency Consumables

Service & Spares

Component	Key Specifications
Universal Controllers (After-Sales)	Self-learning, fits multiple brands
Charging Ports & Cables	Universal plug types, high-temperature resistant
Bearings & Steering Components	High-precision, dust-proof construction
BMS Wiring Harness & Connectors	Flame-retardant materials

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Why Choose Us

Value Proposition

One-Window Sourcing	Consolidate multiple component categories from a single supplier window—cut your supplier list and simplify procurement.
Guaranteed Compatibility	Electrical interfaces and communication protocols are matched across parts, so motors, controllers and displays work together out of the box.
Freight Optimization	Mix high-value electronics with heavy mechanical parts in one shipment to maximize container utilization and lower landed cost.

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