DUAK

Smart Energy Solution

Lithium
Battery for
Electric Mobility

ELECTRIC TWO WHEELER BATTERY

High-Performance Lithium Battery for Electric Scooters



High Safety
Low risk of overheating and catching fire.

Low Cost
Production materials are economical.

Long Life Cycle
Continued high performance and capacity throughout extensive life cycle.

Environmentally Sustainable
Non-toxic, recyclable, and easier to source ethically.

DUAK ENERGY PVT. LTD.

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DUAK
Smart Energy Solution

Electric Two Wheelers Battery

DUAK E-Bike NMC Battery

DUAK Technology designs, develops and manufactures high quality battery for electric scooty. Our batteries are designed with latest advancement in battery chemistry, which allows for a longer life span, improved safety and higher energy density. We manufacture wide range of lithium ion and phosphate battery for electric scooty.



Technical Specification

DUAK E-Bike NMC Battery						
BATTERY MODEL	DEVN6026B40	DEVN6031B40	DEVN6036B40	DEVN7426B40	DEVN7431B40	DEVN7436B40
Battery Voltage (V)	59.2	59.2	59.2	74	74	74
Battery Capacity (Ah)	26	31.2	36.4	26	31.2	36.4
Battery Charge Current MAX (A)	10	10	10	10	10	10
Battery Discharge Current MAX (A)	40	40	40	40	40	40



DEVN6026B40

59.2 V | 26 Ah



DEVN6031B40

59.2 V | 31.2 Ah



DEVN6036B40

59.2 V | 36.4 Ah



DEVN7426B40

74 V | 26 Ah



DEVN7431B40

74 V | 31.2 Ah



DEVN7436B40

74 V | 36.4 Ah

- NMC Lithium Battery Technology
- Built-in BMS Protection
- 10 A Max Charge Current
- 40 A Max Discharge Current
- Reliable & Long Life Performance

DUAK
Smart Energy Solution

Electric Two-Wheelers Battery

DUAK E-Bike LFP Battery

Lithium Iron Phosphate (LFP)

High-safety and long-life Lithium Iron Phosphate (LFP) batteries designed for electric two wheelers. DUAK LFP batteries deliver reliable performance, better thermal stability, longer cycle life and a safer, more durable power solution for daily urban mobility.



DUAK LFP Battery Range



DEVL48V24AH
48 V | 24 Ah



DEVL48V30AH
48 V | 30 Ah



DEVL60.8V24AH
60.8 V | 24 Ah



DEVL60.8V30AH
60.8 V | 30 Ah

Technical Specifications – DUAK E-Bike LFP Battery

Parameter	DEVL48V24AH	DEVL48V30AH	DEVL60.8V24AH	DEVL60.8V30AH
Battery Voltage	48 V	48 V	60.8 V	60.8 V
Battery Capacity	24 Ah	30 Ah	24 Ah	30 Ah
Battery Charge Current (Max)	10 A	10 A	10 A	10 A
Battery Discharge Current (Max)	40 A	40 A	40 A	40 A
Battery Charging Voltage	55.5 V	55.5 V	70.3 V	70.3 V
Battery Discharge Voltage	39.75 V	39.75 V	50.35 V	50.35 V
Battery Charge Cut Off Voltage	54.75 V	54.75 V	69.35 V	69.35 V
Battery Low Cut Off Voltage	39 V	39 V	49.4 V	49.4 V

Key Features & Benefits

High Safety
Low risk of overheating and fire.

Long Life Cycle
Consistent high performance and longer battery life.

Low Cost
Cost-effective and reliable energy solution.

Environmentally Sustainable
Non-toxic, recyclable and eco-friendly.

Better Thermal Stability
Stable and reliable performance in Indian conditions.

Lightweight & Compact
High energy density with robust design.

Smart BMS



- Over-Charge Protection
- Over-Discharge Protection
- Over-Current Protection
- Short-Circuit Protection
- Temperature Protection
- Cell Balancing
- Overall System Protection

DUAK
Smart Energy Solution

Technology | Safety | Advantages

Advanced Battery Technology

DUAK Lithium Battery is engineered with advanced cell technology and a reliable Battery Management System (BMS) to deliver safe, efficient and long-lasting performance for electric two-wheelers.



Key Features

Built-in BMS
Intelligent battery management for safe and reliable operation.

Multi-Protection
Overcharge, over-discharge, over-current, short-circuit and temperature protection.

High Energy Density
Compact, lightweight and more usable power.

Long Life Cycle
Consistent performance with extended service life.

Low Maintenance
Hassle-free and cost-effective operation.



Applications



Electric Scooters



Electric Two-Wheelers



Last-Mile EV Mobility

Advantages

High Safety
Reliable and stable operation

Better Performance
Consistent power delivery

Eco-Friendly
Non-toxic, recyclable and environmentally safe

Cost Effective
Lower total cost of ownership

Suitable for Daily Use
Designed for real-world EV applications

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