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Version: April 18, 2024, NCM Batteries for Electric Motorcycles



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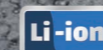
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NCM Batteries for Electric Motorcycles



Enduring Power
Ignites the Two-Wheel Thrills



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Powered by ROYPOW Electric Motorcycle Batteries



Unmatched Power and Range for an Exhilarating Ride

Whether you're navigating city streets or embarking on an extended adventure, ROYPOW batteries for electric motorcycles power your ride, providing the energy to explore more, go farther, and savor every moment on the open road.

As you twist the throttle, you feel the surge of power, delivering an exhilarating acceleration and unbridled joy of speed that add a new dimension to your riding escapades.



Enduring Power

Unlock extensive mileage and exceptional range, ensuring you can go the distance in a single charge.



Built to Last

Elevate your riding experience with ROYPOW electric motorcycle batteries, engineered to last for years to come, and revel in every journey.



Peace of Mind

Rest assured with the ultimate safety, designed to provide a secure and reliable power source for worry-free rides.

Powered by New NCM Technologies

ROYPOW equips electric motorcycle batteries with cutting-edge high-energy-density NCM battery technologies, delivering a power-packed and reliable solution for the dynamic world of electric mobility and setting new standards for the electric motorcycle riding experience.

NCM Batteries



Long Life
Longer battery cycle life. 2 to 3 times longer than lead-acid batteries

Ultra-Safe
Multiple protections and more thermal and chemical stability

High Reliability
Built to resist vibration and shock to provide stable power



Fast Charge
Charge to full in less time for extended miles of pleasure.

Less Maintenance
Quick installs. No frequent battery maintenance or replacement required

Environmentally-Friendly
No harmful chemicals or toxic materials. Reduced carbon footprint

High Power Output

ROYPOW batteries are engineered for high power output to ensure dynamic and robust performance for electric motorcycles, delivering an exhilarating riding experience with every twist of the throttle.



Scalable & Parallel Working

Our batteries boast seamless scalability to increase capacity as needed for your electric motorcycle. Moreover, the batteries support working in parallel, allowing riders to boost the power and range effortlessly.



Customized Connectivity

ROYPOW electric motorcycle batteries offer users the flexibility to customize communication protocols. Users can optimize and enhance connectivity performance according to their specific needs.



Built-in Battery Management System (BMS)

ROYPOW's intelligent BMS ensures the electric motorcycle battery's peak performance and safety through multiple protections, maximizing efficiency and extending battery life.



Over-temperature Protection



Over-current Protection



Over-voltage Protection



Over-charge Protection



Over-discharge Protection



Short-circuit Protection



Rugged Reliability

The battery shell is made of space Aluminum, highly resistant to salt spray, and ruggedly constructed to meet rigorous industry standards. It's designed to endure the vibrations of extended rides and minimize wear for prolonged battery life.



IP67 Rated Protection

With IP67-rated protection, ROYPOW batteries are engineered to endure dust, water, and extreme environmental conditions. Ride confidently, knowing they consistently deliver reliable power, regardless of the weather conditions.





Model	EM6030	EM7225	EM7230	EM7240A	EM7240B	EM10250	EM33550
Cell Type	NCM	NCM	NCM	NCM	NCM	NCM	NCM
Nominal Voltage	60V	72V	72V	72V	72V	102V	335V
Nominal Capacity	30Ah	25Ah	30Ah	40Ah	40Ah	50Ah	50Ah
Max. Output Current	60A	60A	60A	80A	80A	100A	100A
Dimensions	7.28*6.14*14.96 inch 185*156*380 mm	4.64*5*15.43 inch 118*127*392 mm	8.66*6.14*14.96 inch 220*156*380mm	8.86*3.82*18.78 inch 225*97*477 mm	7.87*6.69*13.89 inch 200*170*353 mm	17.32*14.17*5.90 inch 440*360*150mm	26.77*26.18*5.90 inch 680*665*150mm
IP Rating	IP67	IP67	IP67	IP67	IP67	IP67	IP67
Parallel Capable	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Communication	CAN / RS485	CAN / RS485	CAN / RS485	CAN / RS485	CAN / RS485	CAN / RS485	CAN / RS485
Certifications	UN38.3 / UL / GB&T	UN38.3 / UL / GB&T	UN38.3 / UL / GB&T	UN38.3 / UL / GB&T	UN38.3 / UL / GB&T	UN38.3 / UL / GB&T	UN38.3 / UL / GB&T

Note: ROYPOW offers standard and customizable power solutions to meet your specific requirements and fit more leading electric motorcycles.

ROYPOW, Your Trusted Partner

For One-stop Energy Solutions

ROYPOW TECHNOLOGY is dedicated to the R&D, manufacturing and sales of motive power systems and energy storage systems as one-stop solutions.

With more than 20 years of combined experience in manufacturing renewable energy and battery systems, ROYPOW provides Lithium-ion Batteries covering most daily living and working fields: for Low-Speed Vehicles such as golf carts, personnel carriers; Industrial Batteries for use in Material Handling Equipment such as forklifts, aerial work platforms and floor cleaning machines as well as renewable Energy Storage Systems for residential, commercial, industrial, vehicle-mounted and marine applications.

ROYPOW has established a worldwide network to serve customers with a manufacturing center in China and subsidiaries in the USA, the UK, Germany, the Netherlands, South Africa, Australia, Japan and Korea to date. ROYPOW owns and operates fully automatic production lines, a full range of test equipment and an advanced MES that collectively address all aspects of its manufacturing process, from electronics, software design to module assembly, battery assembly as well as initial and final testing. ROYPOW focuses on the self-development of power electronics technologies, including PCS, BMS, and EMS as the core competence.

As a renewable energy innovator, ROYPOW is committed to the mission of achieving energy sustainability while creating a better life for human beings.



R&D and Manufacturing Highlights

As a result of these investments, ROYPOW is capable of "end-to-end" integrated delivery y making our products out-perform the industry norms.

- All-round testing.
- Integrated design.
- Advanced MES system.
- IATF 16949 automotive quality management system certification
- QC system.
- Persistent technology innovation.
- Fully automatic production line.
- ISO12405-2 vibration performance and safety testing of automotive lithium batteries

Global Sales and Service Network System

- Timely Delivery.
- Hassle-free After-sales Service.
- Fast Response Technical Support.

ROYPOW has comprehensively unfolded its overseas market layout to ensure the localization of R&D, manufacturing, marketing and service, becoming one of your most reliable and valuable partners.



Upgrading to New Technology, with Our Turnkey Solutions.

With years of dedication to new energy solutions, we are proud to offer customers professional solutions for:

- ✓ **Low-speed Vehicle Batteries** including golf carts and sightseeing cars;
- ✓ **Industrial Batteries** including forklifts, aerial work platforms, floor cleaning machines and electric excavators;
- ✓ **Vehicle-Mounted Energy Storage Systems & Batteries** Including RV and truck energy storage and air conditioning systems, off-grid solar systems for RV, as well as power batteries for electric motorcycles and airport ground support equipment;
- ✓ **Marine Energy Storage Systems & Batteries** including trolling motors, fish finders, other off-grid energy storage systems for marine, and marine power systems;
- ✓ **Residential Energy Storage Systems & Portable Power Units** including home storage and portable energy storage products, as well as off-grid energy storage (for forest cabin, island homes without electricity, etc.);
- ✓ **Commercial & Industrial Energy Storage Systems** including diesel generator power micro-grid energy storage systems (for tower cranes, air compressors, mixers, crushers, etc);
- ✓ **Chargers** for forklifts, aerial work platforms, floor cleaning machines, golf carts and various marine batteries.

