

What type of battery does a Niu vehicle use?

Every NIU vehicle is powered by a battery pack that includes lithium-ion battery cells. While lithium-ion batteries are very energy dense and light, they do require special attention for everyday use and storage.

What is a Niu battery pack?

The NIU Battery Pack harnesses 170 cells of lithium-ion technology. This is all powered by the NIU BMS (Battery Management System) that connects each cell in parallel to create a robust 29Ah core battery pack. NIU BMS ensures real-time monitoring of voltage, current, and temperature of the battery all at the same time. Smart Battery. Smart Armor.

How much does a Niu battery weigh?

Impossibly Light. Extended Range. The freedom to explore the city around you starts with the NIU Battery pack that utilizes Panasonic lithium-ion battery cells. We've been able to pack 29Ah of storage into a battery that weighs just 10kg (22lbs.).

What if I don't use my Niu electric scooter?

If you do not use your NIU electric scooter or charge the battery for more than 15 days, there are some crucial battery best practices to keep in mind to maintain battery health. If your vehicle has a removable battery pack, you can unplug it and store the battery in a safe environment:

Does Niu offer a warranty on lithium-ion scooter batteries?

NIU provides a 2 year or 20,000 km warranty for after-sales service on our lithium-ion scooter batteries, so you can ride with the confidence that you are covered. Our friendly, knowledgeable dealership staff and customer service team are always here to assist you as well.

What makes the NIU NQi-series a good battery?

The optimized low temperature discharging is the core of what allows the NIU battery to outperform and outlast the competition in terms of recharging cycles. A convenient exploration vehicle must also be convenient to recharge. In the time it takes you to eat a single meal, your NQi-Series gains a range of 20km.

Researchers have investigated the integration of renewable energy employing optical storage and distribution networks, wind-solar hybrid electricity-producing systems, ...

Among different energy storage technologies, lithium (Li)-ion batteries are the most feasible technical route for energy storage due to the advantages of long cycle life, high ...

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The rechargeable lithium metal batteries can increase ~35% specific energy and ~50% energy density at the cell level compared to the graphite batteries, which display great potential in portable electronic devices, ...

Most electric scooter"s batteries are made either in lead-acid or in Lithium-ion. All NIU scooters are made with Panasonic Lithium-ion battery cells. Compared with traditional lead-acid batteries, lithium batteries provide five ...

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In the last few years, the energy industry has seen an exponential increase in the quantity of lithium-ion (LI) utility-scale battery energy storage systems (BESS). Standards, ...

The deployment of energy storage systems, especially lithium-ion batteries, has been growing significantly during the past decades. However, among this wide utilization, there have been some failures and incidents with ...

At present, the energy density of the mainstream lithium iron phosphate battery and ternary lithium battery is between 200 and 300 Wh kg or even <200 Wh kg, which can hardly meet the ...

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NIU Energy Lithium Battery. 4.5hr. Charge Time. 5000w. Motor *Some specs may vary depending on the model. ... Rear Storage Box Available Accessory Available Accessory Available Accessory Tire Front Tire 90/90-14 90/90-14 90/90-14 ...

World Class Lithium Battery. Now equipped with 4th Generation NIU Energy (TM) lithium battery technology. Leveraging intelligent big data, our battery technology reaches even greater potential through continuous performance improvement ...

