

SolarInnovate Energy Solutions

72v inverter is more efficient than 60v



Overview

What is the difference between 72V and 60V electric motorcycle battery?

Speed: 72V > 60V electric vehicle, generally 72 V electric vehicle belongs to 72V electric motorcycle battery, speed can be more than 50 km/h, while 60 V electric motorcycle battery belongs to electric scooter, the speed is less than 50 kilometers per hour.

Is 72V ecosystem better than 60V?

72v ecosystem is better for going above 2500w. Is it easier to get chargers and BMS for 60V or 72V applications?

The only ones I can see at a glance seem to be the generic ones. BMSes are fairly easy. The problem is the selection of chargers once you get above 50.4v/14S. This is a big reason that i like making power with more amps and less volts.

What are the downsides of 72 volts?

My specific question is what are the downsides of going all the way to 72 volts instead of 60 volts per my original plan?

Assuming everything can handle both voltages, and assuming that phase current is the limiting factor on power, the only difference will be a higher top speed at 72 volts, but slightly less efficiency.

Are 72 volt and 60 volt electric cars the same?

Therefore, from the appearance, 72-volt and 60-volt electric cars can be configured exactly the same, but, however you imagine it, 72-volt and 60-volt electric cars have two key components that are bound to be different.

Can a 72 volt electric car crush a 60 volt?

If 72-volt electric vehicle can completely crush 60-volt electric vehicle, there's

no room for a 60-volt electric car, and since it's one of the three major electric vehicle configurations, in many cases, it's actually more cost-effective, what's the best choice for a 72-volt or 60-volt electric car?

SmartPropel will tell you the answer.

What is a 72 volt electric vehicle?

The 72-volt electric vehicle is generally an electric motorcycle. Its characteristics are very similar to that of a motorcycle. It can carry one person. It has the advantages of endurance, speed, power, more suitable for long-distance travel.

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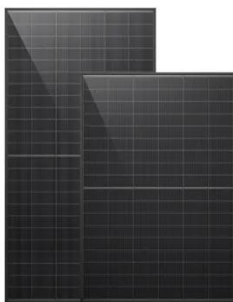


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