Can the 48v battery pack be changed to 60v

Can I add a second 48v battery pack?
But it's not impossible. Adding a second 48v battery pack may have almost the same results as upgrading to 60v. Each of the 48v batteries will only need to supply half of the current to get the full amount the controller demands,with the benefit of zero snags.

Can you convert a 48V e-bike to 60V?
Converting your 48v e-bike to 60v is not rocket science,and anyone can do it. You need a 60v battery pack and a new controller for the upgraded voltage. Of course,the battery will eat into your savings a bit more than the controller,but the investment may be worth it.

Does the motor matter if I use a 60V pack?
The motor doesn't matter. It all depends on the controllers max voltage limit. Most with an lcd display are limited to 60V max by the display and 63V max by the controller. You need to know the max voltage charge of your 60V pack to determine if it will work with your setup. What's the specs on the pack?

Should I use a 60V to 48V converter?
If you want to use all the remaining cells a "dc to dc converter 60V to 48V" would do just that. However they are hard to get for that voltage and high amps. if your controller can take 60v it will be fine just keep an eye on motor temps and avoid WOT if you find it gets hot Dana Point So. Cal It's. Best to have one big battery.

Is it safe to use a 60 volt battery?
To play is safer,you may bring in a new motor and controller rated at around 72v,that is,if you want to keep using a 60v dc battery. There's no danger of cooking the componentsif you run them at a lower voltage.

How many volts can a 48V e-bike have?
Photo created by freepik You will observe that most of the 48v e-bikes with LCD display have a limit of 60v,and the controller maximum is 63v. If both the controller and the battery are massive,then the chances of flying the motor increase exponentially.

Charging a 60V battery with a 48V charger is not recommended. The voltage difference can lead to insufficient charging, potentially causing damage to the battery or charger. Always use a charger that matches the battery"s voltage requirements to ensure safe and efficient charging. Latest News Battery Compatibility Awareness: Recent studies emphasize the ...

Are you looking to buy a new motor and a new controller to use with your existing battery pack? Or just a new controller to use with your current motor and battery pack? ...

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Hi,I am looking at battery packs and noticed a 60v 40ah battery pack sold for same price as 48v 20ah. Plugs are xt60 with charging cable (dc or t-plug). Is it possible to add a voltage regulator to the xt60 cable? Limit 54,6vWhat can be done?

Overview of 60V Battery Types. 60V batteries come in various chemistries, with lithium-ion being one of the most popular due to its high energy density, lightweight nature, and longevity. Other types include lead-acid and nickel-metal hydride (NiMH) batteries. Each type has different charging requirements and characteristics, which can affect the overall performance ...

A 35amp battery at 48v outputs 1680 watts. A 35amp battery at 52v outputs 1820 watts. These numbers are higher at a full charge due to top voltage of a pack being higher than it"s rated voltage. This applies to watt hours as well. A 20ah ...

3. Battery vendors recently have offered a few different voltages of batteries near the 48V range. When talking about LiCo/LiPo/LiMn, a 13-cell battery will have a nominal voltage of right about 48V, whereas a 14-cell battery will have a nominal voltage of about 52V, and both with different charge voltages.

Just about to try similar thing using 48v hub motor with my 60v battery. I"m using a vesc as the controller on my new bike which is rated for 60v it cost £50. Not sure how the motor will perform as I"m assuming the kv will be a bit too high the hub motors don"t seem to come with this info which is really weird, I"m into drones and kv is how you match the motor to the voltage your ...

You can"t use a 60v battery for a 48v motor. The max cutoff is 60v. Thats why having a 52v (14 cell) fully charged battery would be at 58.8v. Every cell you add to the 14c ...

Controller ratings are "nominal". This means that an ebike controller labeled "48V" can actually accept anywhere from 54.6V to 39V, which is the voltage range of a typical lithium-ion 13S (48V) pack. The maximum voltage of a 14S (52V) pack ...

Learn more about lithium battery pack -1 Month Free Return Support . 1. Pls look at the number of strings and parallels of the battery pack, and also capacity of a single cell . (E.g : it writes "7P each,each cell is 2500mah ", but the title writes ...

It"s essential to consider both voltage and capacity when choosing a battery. For instance, a 60V battery with a lower capacity may not provide as much range as a 48V battery with a higher capacity. 60V E-Bike Batteries: Advantages and Disadvantages. Advantages of 60V Batteries. Higher Power Output: One of the main advantages of a 60V battery ...

As long as the battery voltage matches, you can use any capacity you want. A 48V 20Ah battery would work

fine, provided you can fit it in the triangle. It looks kind of tight right now. You can get 48V 14Ah batteries in that same style of ...

If you want to run with more than a 48V battery pack, then it is essential to replace the 2 watt power resistor R1 on the PCB with a higher series resistance. For 60V operation it should be 400 ohms, while for 72V operation you will want 600 ohms.

Note the BMS is actually inside the battery pack, not the charger. If you have a 48v (13s) pack the charger should put out 54.6v max. Now 58.8v charger may work, although it"s really made for 52v (14s) pack-- so it will attempt to overcharge it. If the BMS is any good it"ll cut off the charger when the whole pack reaches 54.6v so it"ll still work.

Hey Cody, your controller most definitely cannot handle the 60V, full charge on 48v system is 54,6v a 52v battery is around 58.8v most 48v controllers can handle up to 59.9v before HVCO, dumping 60v into the system will with 99% certainty, smoke your controller!

My controller can handle up to 60v and puts out 28A, my rear geared hub is rated for 48v batteries but I know it can handle 60v especially with the way my new one is winded... so there should be a way to use my 48v battery for short rides and ...

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