The battery pack only has voltage but no current

What determines the maximum current a battery can supply?
It only determines how long the battery can supply a current for (that is,how much energy is can output over a period of time). The max current is determined by it's internal resistance. Many 4.2V lipo batteries can supply much more current than 9V batteries since they tend have lower internal resistances.

How much current can a LiPo battery supply?
The max current is determined by it's internal resistance. Many 4.2Vlipo batteries can supply much more current than 9V batteries since they tend have lower internal resistances. That being said,the maximum current you can safely draw from a battery is often related to its capacity (see C ratings),but this varies battery to battery.

Why does my car battery have volts but no amps?
Another common reason behind a car battery having volts but no amps are bad contactsomewhere between the rectifier and the load of the battery. You need to between the load and the anode bar to know if this is the case. If you see a drop in voltage when testing it,you can confirm that there's a bad connection.

Do batteries go bad?
Batteries aren't meant to last forever. Like all things,they also have a life span and they'll go bad when the time comes. If your battery has voltage but no amps,it's a sign that it's reaching the end of its intended use. The battery dies due to sulfation of the plates inside or the acid or both.

How do I know if my battery is shorted out?
You are talking of a situation such as a shorted out battery. If the wire (or whatever you use to make the short circuit),has zero resistance,then placing a volt meter across the battery terminals will show no voltage,although a current flows through the wire.

Why is my 2p5s battery not working?
It sounds like you're dealing with a potential issue in one of the 5 parallel groups within your 2P5S (2 parallel, 5 series) lithium-ion battery pack. The voltage on one of the parallel groups is higher than it should be, and there is no continuity within that group.

The internal resistance of the battery is high? That would explain why the voltage is high when there is no current but why there is no voltage when there is current. The more current is drawn by the battery, the ...

Your cell is only 2.8V so it is dead. A dead cell cannot produce much current. It also might be ruined from being discharged to a voltage that is too low. $endgroup$

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Therefore, a lithium-ion battery pack consisting of multiple cells can have different nominal voltages depending on the number of cells connected in series. For example, a 3-cell lithium ...

The main reasons behind a car battery has voltage but no amps are a dying battery, bad contact between rectifier and load, loose connection, malfunctioning battery cell, ...

Symptom 1: Low voltage. If the voltage is below 2V, the internal structure of lithium battery will be damaged, and the battery life will be affected. Root cause 1: High self-discharge, which causes low voltage. ...

It only determines how long the battery can supply a current for (that is, how much energy is can output over a period of time). The max current is determined by it"s ...

Higher discharge rates (i.e., drawing more current) bring the voltage drop faster,higher capacity consumption and heat. ... The following table describes in more detail ...

However, when I measure the voltage across the BMS P- cable and the Battery Pack"s positive terminal, I am only getting 47V even though the pack measures 58V. I read that the BMS output is supposed to match the pack output, but ...

The main reasons behind a car battery has voltage but no amps are a dying battery, bad contact between rectifier and load, loose connection, malfunctioning battery cell, and high resistance. You"d have to replace the ...

The internal resistance of the battery is high? That would explain why the voltage is high when there is no current but why there is no voltage when there is current. The ...

A 400V pack would be arranged with 96 cells in series, 2 cells in parallel would create pack with a total energy of 34.6kWh. Changing the number of cells in series by 1 gives ...

How to repair when lithium-ion battery has voltage and but no current 1, the battery seems to be "dead", but also has a great probability can save. I summed up the ...

Ideal Voltage for a Fully Charged 48-Volt Battery Pack. For a 48-volt battery pack, the ideal voltage when fully charged is approximately 50.93 volts. This figure represents the ...

If the wire (or whatever you use to make the short circuit), has zero resistance, then placing a volt meter across the battery terminals will show no voltage, although a current ...

Download scientific diagram | The battery pack voltage. from publication: Event-Driven Coulomb Counting for Effective Online Approximation of Li-Ion Battery State of Charge | Lithium-ion ...

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I do have the same problem. Batt voltage 54.32V, BMS output only 45V. Connecting the B- lead on top op the black balancing lead or not I do have the same result. it did not solve a thing. all ...

There may also be a requirement to size a battery pack to have a passive thermal system, as such the heat capacity of the pack would need to be sized to suit the typical usage cycle. The ...

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