

Battery no-load 10V

What should the battery voltage be with no load?

I would check the battery voltage with no load and it should be at or above 12.6 volts. This is an older thread, you may not receive a response, and could be reviving an old thread.

Why does a 12 volt battery read a low voltage?

When a battery is under load, the voltage reading will be lower than when it is not. This is because the battery is providing power to something else and is not just sitting idle. The amount of voltage drop will depend on how much current the battery is supplying. A 12 volts battery should read around 11 volts when under load.

How much voltage should a 12 volt battery drop?

The amount of voltage drop will depend on how much current the battery is supplying. A 12 volts battery should read around 11 volts when under load. Keep in mind that this is just a general guideline and may not be accurate for all situations. If you are unsure of what the voltage should be, it is best to consult with a professional.

How many volts a battery has a dead cell?

A battery with 1 dead cell therefore has a voltage of around 10.5 volts, 2 dead cells = 9.4 volts, etc. But usually once one cell goes bad the battery is replaced before others die as well. A bad battery can show a false voltage when it has surface charge, this occurs for a length of time after a battery has been charging.

Can a battery read a full voltage if a cell is bad?

It can read a full voltage of 12.6 even though it has a bad cell. However, when a battery with a bad cell is put under load, it will immediately fall well below its real voltage of 10.5 volts. Once the load is removed, it will only bounce back up to its maximum 10.5 volts. So when is 10 volts enough?

How many volts is a good battery?

A good battery will sit around 12.6 to 12.8 volts when fully charged. When a good battery is put through a load test equal to its rated CCA (cold cranking amps) its voltage will drop to around 9.6 to 10.5 volts depending on the ambient temperature. It will then shoot back up to ~12.6 volts once the load is removed.

Pour répondre à votre question, 10 volts sous un test de charge montre une bonne batterie, ...

My 12 volt battery suddenly fell to 10v, is there a risk in recharging it? In my boat i have a 80 Ah, 12 v, sealed and vented lead acid battery. Normally charged with a solar panel, with no load. Recently I added a Raspberry Pi and a router to monitor stuff. These has slowly been draining the battery during a week (solar could not keep up ...

I haven't tested the electrolyte in a battery in over thirty years, or done a load test on a battery in over ten



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years. Tester. 2 Likes. shanonia April 14, 2020, 9:20pm 10. You're a working pro, with time constraints and the most modern instruments. I'm a retired DIYer with time to spare and reliable old tools. We both have something to offer here, for others to consider, or ...

Under a rather heavy load (hairdryer), pulling 1300W, voltage on the batteries drops from 13.6 down to 10.9v, which signals an alarm on the inverter, but doesn't cut out. I'm guessing this isn't normal?

When a Battle Born Battery is discharged, the BMS will detect if the battery's voltage falls below 10V. If this occurs, the BMS will disconnect the battery and shut down all functions. This prevents any charge from leaving the battery, which protects it from damage. Once a Battle Born Battery enters LVD, it will not discharge. To get your battery functioning ...

10.8V with no load means the battery has a dead cell and needs to be replaced. You won't be able to recover that by charging it. If your battery was drained ...

Go to a parts store and they will test the battery for free. Could be that, the alternator or other sensors. You will probably be throwing codes like camshaft position if it's a sensor. Clean the starter from that "oil leak"; you needed to take care of months ago.

If when no load is applied it jumps back to 12.6v / 13v. I know that if the voltage stays below 11.2v with no load it must be charged before becoming damaged. Previously when using a single leisure battery the voltage has only fallen to 11.8v hence the question. Many thanks Guys . Last edited: Mar 20, 2014. aba Free Member. Oct 27, 2009. 2,775. 1,112. yorkshire ...

To answer your question, 10 volts under a load test shows a good battery, especially when it immediately bounces back up to over 12 volts ...

Once you know you have a good battery and you have a measured battery ...

A battery's voltage drops under load because of the internal resistance of the battery increases. This is caused by the chemical reaction inside the battery that creates electricity. As more current flows through the battery, it becomes harder and harder ...

Under a rather heavy load (hairdryer), pulling 1300W, voltage on the batteries ...

Try charging the battery with the charger having at least 10% of the total battery capacity in Amperes. Connect a 10 amp ammeter in series to the positive line and see whether it drops to "zero"; indicating full charge. If it doesn't, do that within 12-16 hours, your battery is GONE. If it does come to "Zero"; well your battery passed ...

If it was running for long enough to charge and not frozen, 10V sounds like it must have a dead cell, where



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one cell (of the 6 in a normal battery) has shorted and isn't producing any voltage. In this post, we'll look into some possible reasons why a battery reading of 10V occurs and discuss several suitable fixes.

To answer your question, 10 volts under a load test shows a good battery, especially when it immediately bounces back up to over 12 volts once the load is removed. 10 volts on a battery without load shows a dead cell and when put ...

Try charging the battery with the charger having atleast 10% of the total ...

Web: <https://doubletime.es>

