How can a battery that is almost dead have current

How much voltage can a dead battery show?
Other thing the guy talking about fundamental things forgets is that real battery can be represented by rather complex circuit of ideal elements,like voltage source,current source,resistor,inductor and capacitor. Therefore,dead battery can show you almost any voltage between -4 to 4Vafter a misuse and at a certain conditions.

What happens if a battery dies after 15 minutes?
After 15 minutes, either you did something that increased the battery current enough to again trigger the dead-battery circuit, or possibly the small current drain caused the battery to become even more dead than it already was. Sometimes dead batteries will return to life if the are shaken.

What happens when a battery is drained?
Both effects occur as a battery is drained. The open circuit voltage goes down and the internal resistance goes up. Note that open circuit voltage is specifically measuring just the voltage the battery puts out with the internal resistance taken out of the equation.

How do you model the way a battery dies?
You can model the way a battery dies by increasing the internal resistance. A nearly dead battery still provides 1.5 volts,but has a very high internal resistance so that drawing even a trickle of current zeros out the voltage gain.

What happens if a battery runs out of juice?
In addition,as a battery runs out of juice,its internal resistance increases[also see]and so the slope of its IV curve increases. As you use a camera,the current requirement goes up and down. As the batteries run out of power,eventually the maximum current usage will give a voltage that is too low for your battery's voltage detection circuit.

How much voltage can a battery drop if wired together?
In a standard use,you cannot drop the voltage below 2 volts,even if you wired the terminals together. Batteries will vary between 3.8 and 2.4 volts per cell. As voltage drops,internal resistance rises. The higher the internal resistance,the lower the current over the short circuit.

A dead battery can be pretty aggravating, but with a few battery tricks, you can revive a dead battery and continue driving. Here are some dead battery tricks that can get you ...

Firstly, batteries are certainly not constant voltage sources. You could call them time-dependant constant voltage sources, at best. As a battery discharges, the voltage will start to drop. If you ...

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The only way a battery drains is if energy is being lost. In the case of a leakage path, energy is being lost through the current draw caused by the leakage. In batteries that ...

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Once a battery reaches a specific voltage, the chemical reaction can"t work against it as well and it just kind of hovers there (but it"s still reacting, which is why new batteries can go bad). When ...

A battery"s charge and discharge cycle significantly affects its lifespan. When a battery loses charge and falls below a certain voltage, it can be challenging to recharge it. The ...

When the battery is allowed to run almost completely dead, and then is recharged

That is because there is no current thru that resistance, hence no voltage drop across it. Any decent voltmeter will have at least 10 MO input resistance, which is so way ...

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When the material in the cathode or anode is consumed or no longer able to be used in the reaction, the battery is unable to produce electricity. At that point, your battery is "dead." ...

That is because there is no current thru that resistance, hence no voltage drop across it. Any decent voltmeter will have at least 10 MO input resistance, which is so way more than even a dead battery as to not matter. ...

Try to start the engine of the car that contains the dead battery. Maynes explains that if the jumper cables and the battery you are charging have enough power, the car engine should turn over easily and start. If the engine ...

No ignition: If your battery is completely dead, you will not be able to get the motorcycle started at all. A bad or flat battery is usually the first suspected culprit in this ...

In fact, all batteries have a negative V-I curve; if you increase the current taken from them, their voltage decreases. This effect is like having a resistor in series with the battery. It is called the ...

Maybe battery was the reason my Alienware M17x R4 crashing due to video TDR failure. My old battery was almost dead, holding charge up to 7% and windows says still charging but the ...

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AA Battery Current . We all know that AA batteries are a common size for many devices we use daily. But have you ever wondered how much current an AA battery can ...

A dead 12-volt battery has a voltage range of 12.0 volts or lower. When the voltage drops below 10.5 volts, the battery is considered dead and needs to be replaced. ...

In fact, all batteries have a negative V-I curve; if you increase the current taken from them, their voltage decreases. This effect is like having a resistor in series with the battery. It is called the "internal resistance" or impedance sometimes.

Almost every Li-ion battery has copper as anode current collector. When copper is exposed to high anode voltage due to high discharge, the copper dissolute in to the ...

Using this equation, we can calculate the current, voltage, or resistance in a given circuit. For example, if we had a 1.5V battery that was connected in a closed circuit to a lightbulb with a ...

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