

Does the electrolytic separator respond to energy upgrades?

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How much power does an electrolytic separator need?

Since Mekanism 7.1 (Minecraft 1.7.10) the Electrolytic Separator requires 400 joules of power per tick, or 160 FE per tick. Without upgrades, it performs 1 operation per tick. Notably, each speed upgrade doubles the operation speed of this machine, for 256 operations per tick with the maximum of 8 speed upgrades.

What is an electrolytic separator used for?

Typically the first application of the Electrolytic Separator is in the electrolyzing of water into Hydrogen and Oxygen. Both have various uses within other recipes. Higher-tier ore processing requires the creation of Chlorine, which is a product of electrolyzing the sodium chlorides in a Brine solution.

Should I upgrade an electrolytic separator or a speed+energy upgrade card?

And since an Electrolytic Separator is not that much more expensive than a speed+energy upgrade card, it really doesn't make sense to consume 100x power (operate them at 10% efficiency). Difference in material between upgrading 1 separator vs building 9 more (10x speed either way)

Why is my electrolytic separator not giving more gas?

There is an issue that happens with multiple electrolytic separators where they start eating all of the power and not giving more gas. Try breaking them all and putting one at a time back down and turning it on, that has usually fixed it for me. I actually had this problem last night.

Should a gas separator be upgraded?

If not, and you have just speed, that'll do it. Also, depending on which machine they're pumping into, use the "gas" upgrade in that machine. It will upgrade the efficiency. Should use less of said gas that way, so the separator will not have to work as hard. Something's wrong there.

Pump that water into an Electrolytic Separator, and a Pressurized Reaction Chamber (PRC). The Separator will turn the water into hydrogen and oxygen. Send the Hydrogen to the PRC as well. You can dump the oxygen, or save some for later by sending it to a Mekanism gas canister, and tell the gas canister to dump excess.

"Electrolytic Separator" does accept "Energy Upgrades" but if you put some in the power consumption don't sink. Steps to reproduce: Take "Energy Upgrades" in inventory and

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open "Upgrade"-GUI at "Electrolytic ...

Put up to 8 Speed Upgrades into an Electrolytic Separator, and then us a Gas-Burning Generator to burn the Hydrogen to get your power back. This is a 100% efficient process (you get all of the power out that you put in, which is also why the Energy Upgrades do not lower the power usage the Electrolytic Separator, they just increase the amount of power the machine can store), so ...

Version : 1.10.2-9.1.1.290 Repro: put 8 x energy upgrade into the Electrolytic Separator, and watch the energy consumption (I am showing RF, so 160 RF/t with 0x energy upgrade, and 160 RF/t with 8x energy upgrade) I am pretty sure any nu...

If this is the case you could either reduce the amount of speed upgrades in the machine, or use an intermediate buffer and setting up a redstone circuit that would detect when the tank is below a certain treshold and activate the separator, up until it gets full, when the circuit would detect the state of the tank and deactivate the separator.

It costs the same amount of energy to separate water into oxygen/hydrogen as you get by burning the hydrogen; and energy upgrades don't make the separator more efficient for balancing. All your power is either coming from the solar panel or stored in the cables and machine buffers

The electrolytic separator from mekanism does not work at all. Problem I'm on velhelsia 2 and did everything right but no oxygen or nitrogen in filling up in the separator, it has power and is hooked up to an electric pump, does anyone know how to fix this bug or am I screwed.

Energy upgrades not working on electrolytic Separator. Why? comments sorted by Best Top New Controversial Q& A Add a Comment Glitch-v0 o Additional comment actions. Intentional I believe. ...

I've got the electrolytic separator set up for 3x ore mining (connected to an auto miner via entangleporter). All of a sudden my ore processing started chugging, and tracked it down to this. Every other machine has full energy, but the electrolytic separator and the lack of oxygen is obviously slowing ore down to a crawl.

The Energy Upgrade is a machine upgrade added by Mekanism. It increases the energy efficiency and the internal buffer's capacity of the machine. Multiple upgrades can be stacked. The following table shows a machine's increase in efficiency and capacity in relation to the number of Energy Upgrades installed.

The electrolytic separator power usage doesn't decrease after adding energy upgrades. Steps to reproduce. Place electrolytic separator; Power up the machine; Provide any ingredient to separate (water, brine, etc.) Review the power usage while it is working (default power usage with no speed upgrades is 200 J/t) Add energy upgrades

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The Electrolytic Separator is set to dump excess on both tanks, and sends its contents to two adjacent Gas/Chemical Tanks. On each tank, a Comparator reads the fill level while using analog redstone (Subtract Mode) mechanics so they don't toggle with just 1mb stored.

The other way to achieve 10x speed is to have 10 times as many Electrolytic Separators. And since an Electrolytic Separator is not that much more expensive than a speed+energy upgrade card, it really doesn't make sense to consume 100x power (operate them at 10% efficiency).

I do know that this is the way it was originally designed but recently on one of my survival and testing, I recently installed all of the energy and speed upgrades and noticed it was producing massive amounts of power ...

I'm making an ore tripler system and I need oxygen for it. so when I'm using the electrolytic separator for some reason the energy upgrades don't work so it ends up using 40,960RF/t which cant be right. does anyone know a workaround or maybe something in the configs?

Power is provided using a Creative Energy Cell from Thermal Expansion. I do not believe there is a power delivery issue. I'm unsure if this issue carries over to other machines (Untested). ... JujuLynx changed the title Electrolytic Separator Speed Upgrade Electrolytic Separator speed upgrade bug Jul 19, 2016. Copy link Member. aidancbrady ...

Issue description When you install energy upgrades into the electrolytic separator it had no effect on its energy consumption, only its power pool. Checked change logs of newer versions, they don't mention a fix for this, and I'm running...

The Electrolytic Separator separates water or brine into useful gases. The Electrolytic Separator requires a constant supply of power and must have a source of a suitable liquid in order to produce the gases. As the liquid is electrolyzed, the component gases will ...

This also happens to be why the Electrolytic Separator is the only machine to not get the efficiency boost from using Energy Upgrades. If you need Hydrogen, then you actually do need to supply that much power (from any source). Ethylene (which is made from Hydrogen) burned in the Gas-Burning Generator is probably Mechanism's strongest non ...

Use, speed, and energy upgrades on the electrolytic separator (10 speed, 10 energy), then use 10 gas upgrades on each of the purifying factories, and maybe put some speed and energy upgrades into them if you haven't yet. Reply

Issue description the electrolytic separator is not working the energy upgrade, you put all 8 and it doesn't reduce energy consumption in any way, even putting 1 upgrade doesn't decrease anything Steps to reproduce

...

Install any number of Energy Upgrades in an Electrolytic Separator; Run the machine and observe power drain; Version (make sure you are on the latest version before reporting): Forge: 34.1.42 (1.16.3) Mechanism: 1.16.4-10.0.17.444. The text was updated successfully, but these errors were encountered:

The Electrolytic Core is a Crafting Component used in the crafting of the Electrolytic Separator and the Gas-Burning Generator. Crafting. Ingredients Crafting recipe Gold Dust + Infused Alloy + Osmium Dust + Iron Dust ... Energy Upgrade; Gas Upgrade; Filter Upgrade; Anchor Upgrade; Factory Installers; Gadgets: Atomic Disassembler; Cardboard Box ...

Tho, thinking about it, if people wanted to make oxygen energy efficiently, for ore purification, It could be made that an electrolytic separator, with energy upgrades, has the energy reduction bonus, but either makes half the default per energy upgrade of hydrogen, or no hydrogen at all?

2 Electrolytic separators (Upgrades: 8 energy, 3 speed) 2 PRCs (Upgrades: 8 energy, 8 speed) 2 Crushers (Upgrades: 8 energy, 8 speed) 3 Gas-burning generators I have seen this setup a bunch of times on this subreddit and on some E2E playthroughs on but I can't seem to get it working properly. Here are some things I've already tried/checked:

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