

# Cameroon electrolytic separator energy upgrade

How much power does an electrolytic separator need?

Since Mechanism 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.

Does the electrolytic separator respond to energy upgrades?

Sign up for free to join this conversation on GitHub . Already have an account? Sign in to comment The Electrolytic Separator, when separating Water into Hydrogen and Oxygen gas, does not respond to Energy Upgrades. Other machines do. The Electrolytic Separator is being powered by Advanced Univ...

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.

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)

How does an electrolytic separator work?

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 be stored in its internal tanks.

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.

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?

"Electrolytic Separator" does accept "Energy Upgrades" but if you put some in the power consumption don't sink. Steps to reproduce: Tague "Energy Upgrades" in inventory and open "Upgrade"-GUI at "Electrolytic ...

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Put up to 8 Speed Upgrades into an Electrolytic Separator, and then use a Gas-Burning Generator to burn the Hydrogen to get your power back. This is a 100% efficient process (you get all of ...

If you only need Oxygen, then you can use a Gas-Burning Generator to burn the Hydrogen for a 100% return on power put in (Oxygen is free). 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).

The Electrolytic Separator, when separating Water into Hydrogen and Oxygen gas, does not respond to Energy Upgrades. Other machines do. The Electrolytic Separator is being powered by Advanced ...

Issue description My electrolytic separators, with 8 speed upgrades, use 40.96 kFE/t no matter how many energy upgrades are installed. Steps to reproduce No response Minecraft version 1.16.5 (Latest) Forge version 36.2.30 Mekanism versio...

The electrolytic separator has a weird power usage using upgrades, for example, a stock separator uses 400j/t and produces the same amount in hydrogen that the gas generator is burning. If all 8 energy upgrades are installed, the energy usage is reduced to 40j/t while the gas production stays the same.

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 can't be right. does anyone know a workaround or maybe something in the configs?

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:

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

Separators use high amounts of energy, especially when upgraded, to avoid an infinite energy exploit by feeding the Hydrogen from water to a Gas-Burning Generator. If you have no better ...

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 ...

Speed upgrades in the Electrolytic Separator and Gas upgrades in the factory will do more for you than just

spamming separators. Also, while some have mentioned burning hydrogen for an ...

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. ...

and that Energy Upgrades don't affect the machine's energy efficiency, but I haven't read anything about speed upgrades working differently than normal. So I assume this is a bug. Steps to reproduce. place down an energy source (Creative Energy Cube) then an Electrolytic Separator; place a fluid tank (filled with water) in it

Issue description. Perhaps I am doing something wrong, but the addition of Energy Upgrades into the electrolytic separator appears to have no impact on overall energy usage, while speed upgrades have a major effect.

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