

# Montserrat electrolytic separator energy upgrade

Does the electrolytic separator respond to energy upgrades?

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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)

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.

How to prevent infinite energy exploit in electrolytic separator?

To prevent the infinite energy exploit we only need to apply this simple modification when used in Electrolytic Separator `DefaultUsage * EnergyMultiplier^[(2 * SpeedUpgrades - MIN(EnergyUpgrades, SpeedUpgrades))/8]`

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...

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put the electrolytic separator, turn it on (already having water in it) and put the energy upgrades and you will see that consumption does not decrease (taking into account that the gases are coming out to keep the ...

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

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know a workaround or maybe something in the configs?

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

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 is being powered by Advanced Universal Cable, if that matters. No upgrades: Energy usage: With upgrades: Energy usage: It appears that, when an upgrade has finished applying, it looks as though it's attempting to adjust the energy usage (quick flickering between numbers) but it goes right back to 400.0 J/t.

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.

Stick a full set of Energy Upgrades in the Electrolytic Separator. Supply Water; Burn Hydrogen in a Gas-Burning Generator for 10x the power you put in. A full set of Speed Upgrades will net you nearly 18k J/t. Version (make sure you are ...

The energy upgrade upgrade allows you to increase the power storage capacity of a Mechanism machine which has an upgrade slot, ... Electrolytic Separator; Factory; Precision Sawmill; Pressurized Reaction Chamber; Chemical Injection Chamber; Chemical Infuser; Chemical Oxidizer; Chemical Dissolution Chamber;

Issue description I installed the Energy improvement in the separator and noticed the fact that the consumption did not decrease, but the amount of energy increased. ... Energy upgrades do not decrease the consumption of electrolytic separators intentionally. ... 16, 2024. see general.toml section general.energy\_conversion: #How much energy is ...

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 ...

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

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oxygen, or save some for later by sending it to a Mekanism gas canister, and tell the gas canister to dump excess.

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 ...

\*energy upgrades will work differently on the other hand, each upgrade will slightly increase the efficiency of the machine to near 100% and the energy capacity increase would remain the same (energy used by separator: energy recovered from gas generator) stock: 20% efficient 1 energy upgrade: 30% efficient 2 energy upgrades: 40% efficient

After inserting Energy Upgrade"s in the Electrolytic Separator the Energy Usage doesn"t decrease. Steps to reproduce: 1 sert Energy Upgrade"s (any amount) into Electrolytic Separator. 2.Energy Usage doesn"t decrease. Version (make sure you are on the latest version before reporting): \*\*Forge:1.16.5-forge-36.0.54  
\*\*Mekanism:1.16.5-10.0.21.488

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