

Electrolytic separator energy upgrade

Equatorial Guinea

Does the electrolytic separator respond to energy upgrades?

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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 decompose water?

The Electrolytic Separator (middle) decomposes water,delivered by an Electric Pump on the right,into hydrogen and oxygen. The hydrogen is burned in a Gas-Burning Generator on the left. The Electrolytic Separator is used to separate Heavy Water into Deuterium and Oxygen,Brine into Sodium and Chlorine,and Water into Hydrogen and Oxygen.

What is an electrolytic separator used for?

The Electrolytic Separator is used to separate Heavy Water into Deuterium and Oxygen, Brine into Sodium and Chlorine, and Water into Hydrogen and Oxygen. The products are used by the Mekanism Ore-Processing system. Insertion and extraction of materials can be done by buckets (inside the GUI) or a pipe system.

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.

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 $\text{DefaultUsage} \cdot \text{EnergyMultiplier}^{[(2 \cdot \text{SpeedUpgrades} - \text{MIN}(\text{EnergyUpgrades}, \text{SpeedUpgrades}))/8]}$

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).

Try getting a bunch of energy upgrades into your electrolytic seperator to reduce its energy usage/tick. Make sure you're dumping excess oxygen or using it so it doesn't stop hydrogen production. Potentially add both

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upgrades to your separator, keeping them 1:1 will directly increase efficiency however it will increase total power and water usage.

The lower-left button changes the displayed energy system between Energy Units, Redstone Flux, Minecraft Joules, and Tesla. The change only affects the display; the energy is still available in all forms inside the system. The upper ...

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 Universal Cable, if that matters.

Energy Upgrades only increase the energy storage buffer in the Electrolytic Separator. Electrolytic Separators can produce Hydrogen, which can be burned in a Gas-Burning Generator to produce power. This is locked at 100% efficiency.

This is an idea of how I would handle the electrolytic separator *speed upgrades would remain the same and would equate the production speed being multiplied by $(2^{(\text{speed upgrades})})$ so 8 speed upgrades would multiply ...

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So in order to get more ore with Mekanism you need oxygen and you need an Electrolytic Separator for that. I used all 8 energy upgrades and it still chugs through power like there is no tomorrow. I then built a big reactor and I still have a power deficit.

This is an idea of how I would handle the electrolytic separator *speed upgrades would remain the same and would equate the production speed being multiplied by $(2^{(\text{speed upgrades})})$ so 8 speed upgrades would multiply the overall production 256 times.

The lower-left button changes the displayed energy system between Energy Units, Redstone Flux, Minecraft Joules, and Tesla. The change only affects the display; the energy is still available in all forms inside the system. The upper-right button opens the upgrade GUI. Upgrades can be added here, such as the Energy Upgrade to improve energy ...

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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 ...

Web: <https://www.gennergyps.co.za>