

Electrolytic separator energy upgrade Iran

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)

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

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.

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 use for the Hydrogen, it's still a good use for it, but add a buffer tank between the separator and generator for refueling jet packs and flamethrowers.

Issue description When you install energy upgrades into the electrolytic separator it had no effect on its energy



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consumption, only its power pool. Checked change logs of newer versions, they don't mention a fix for this, and I'm running...

Upgrades can be added here, such as the Energy Upgrade to improve energy efficiency. Other possible upgrades include the Speed and Muffling Upgrades. The middle-right button opens the GUI to configure the access rights for the machine. The lower-right button changes the Electrolytic Separator's behavior to Redstone:

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

*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

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;

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 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 ...

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

"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 Separator" Put "Energy Upgrades" in Upgrade-Slot and let them load; Control your power consumption of the machine.

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?



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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.

????? (Electrolytic Separator)???????,??????[Mek]????
(Mekanism),????MOD??,??Minecraft(????)MOD(??)????????????MOD???

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. I was running on 5 Advanced solar arrays before the reactor.

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.

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?

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

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

Speed + energy upgrade cards: 4 glass, 4 infused alloy, 1 osmium dust, 1 gold dust [x8] Electrolytic Separator: 4 iron, 2 redstone dust, 2+5 infused alloy, 2 osmium dust, 1 gold dust, 1 iron dust [x9] So it costs little more than double osmium dust, and a little more redstone and iron (which is basically free because of iron farms) But the ...

*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: ...

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 seperator, keeping them 1:1 will directly increase efficiency however it will increase total power and water usage.

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:

????? (Electrolytic Separator)???????,??????[Mek]???? (Mekanism),????MOD??,??Minecraft(????)MOD(??)????????? ...

When the Electrolytic Separator was first given the upgrade slot, it followed both of those rules and allowed the machine to break the Laws of Thermodynamics (oops). The fairly quick but haphazard response was to make the Electrolytic Separator not receive the efficiency boost. That works, but also generates a lot of false bug reports as it is ...

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

