

# Electrolytic separator energy upgrade Tonga

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 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)

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 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.

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.

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 ...

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 ...

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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 ...

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 ...

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 ...

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 ...

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