



enjoyelec HEMS

Home Energy Management based on local integration and AI-powered cloud-edge collaboration.

enjoyelec

enjoyelec HEMS

enjoyelec offers a multi-asset HEM solution for the whole home and leads the way in energy device interoperability.

Interoperability:

The enjoyelec Controller breaks barriers between different energy devices, enabling seamless integration of all of home's energy devices for harmonious operation.

Dynamic Tariff:

Our system intelligently tracks dynamic electricity pricing using OpenADR, automatically and comprehensively schedule device usage with lower electricity prices.



User Engagement:

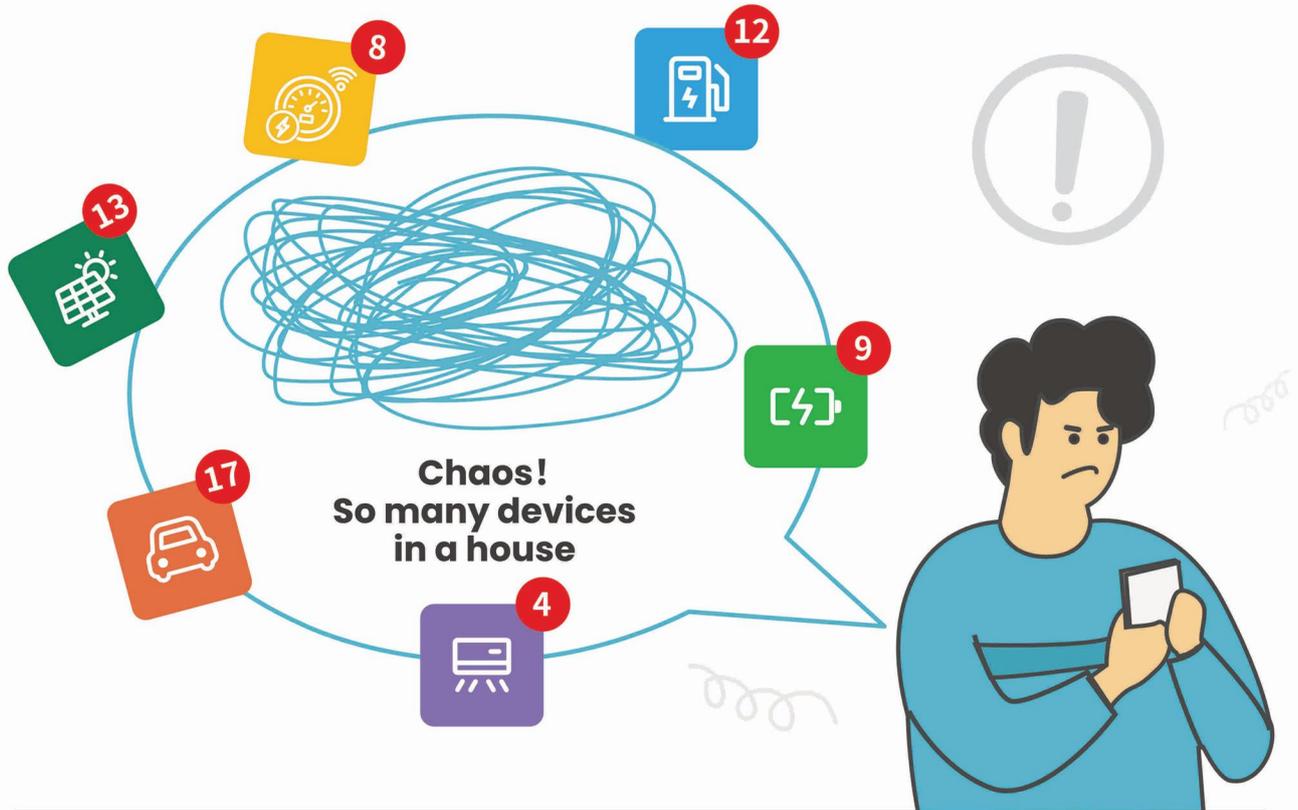
Clear data graphs, charts, and breakdowns that help you effortlessly understand energy usage in the enjoyelec App.

AI-Powered Strategy:

Thanks to advanced AI, automatically schedule home energy usage to maximize green energy consumption and savings.

Nightmare for energy devices management

Growing decentralized devices requires to manage them more intelligently and use electricity at lower cost.



Fragmented control



Isolated monitoring



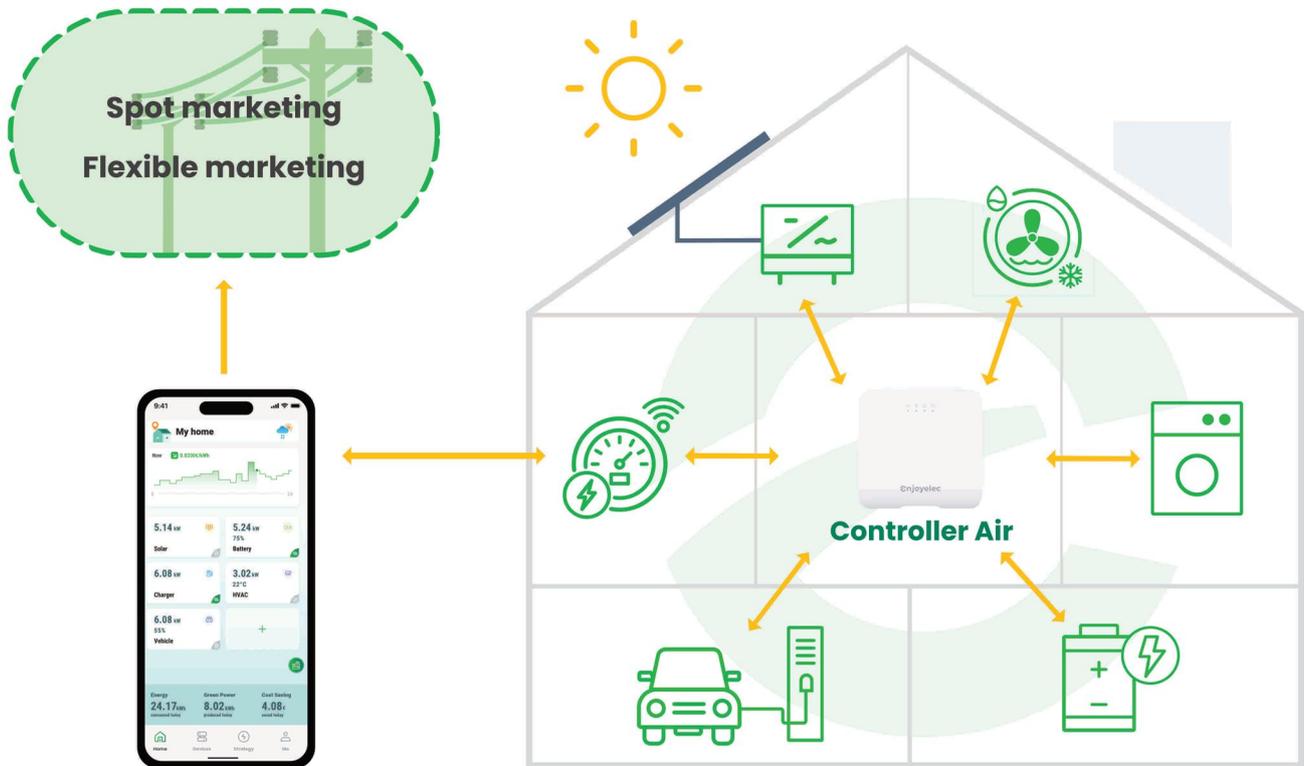
Obstacle to engagement



Scheduling chaos

Local Integration with Controller

Unifying home energy components for seamless interoperability.



Edge computing can dispatch the system quickly and less latency, and build each home as a diversified modes.

Meets European regulation and encrypts data using proprietary protocols to protect customers' **data security**.

Supports multiple protocols, facilitating swift establishment of comprehensive energy management systems for customers.



eMUCs – P1



Connection capability of enjoyelec HEMS

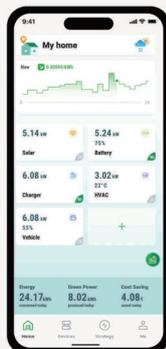
The enjoyelec Controller is the interface between your home energy devices and the enjoyelec applications, which you can use to control your home energy.

Connect multiple OEM brands via Controller



Solar Inverter	25+
EV Charger	10+
Battery	28+
HVAC	8+
Smart Meter	4+

Connect multiple OEM brands via enjoyelec App



Solar Inverter	25+
EV Charger	20+
Battery	25+
HVAC	9+
Smart Meter	2+
Electric Vehicle	32+

25+ Energy suppliers connected across **7** countries

enjoyelec Controller Air

Enjoy smart control in an easy and quick way.



Controller Air: Friendly installation for plug-and-play

Installation : Free placement

Communication : WAN, WiFi, Bluetooth, RS485, zigbee

Protocols: Modbus-TCP, Zigbee3.0, EEBUS, OpenADR

Dimensions(WxHxD): 110x110x25mm

Weight: 132g



Quick&easy to install
with basic tools



Less than 5 minutes
setup time



Over-the-air(OTA)
updates

enjoyelec Controller Pro

Experience advanced control to meet demanding requirement.



CAN _Bus



Controller Pro: Professional installation recommended onboard

Installation : Rail-mounting

Communication : WAN, WiFi, Bluetooth, CAN, RS485/232, zigbee

Protocols: Modbus-TCP, Zigbee3.0, EEBUS, OpenADR, Modbus-RTU, eMUCs-PI, Linky

Dimensions(WxHxD): 158x87x60mm

Weight: 323g



3 million daily data
points per device



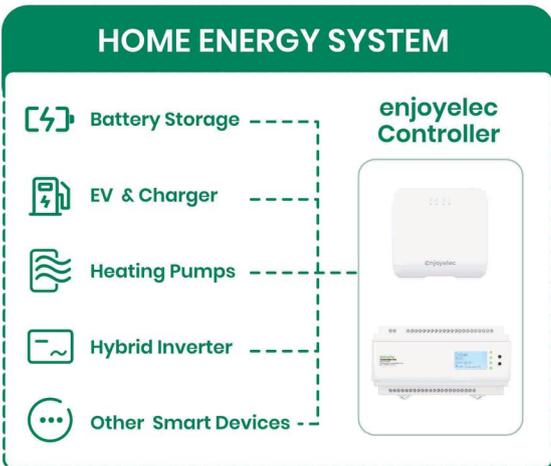
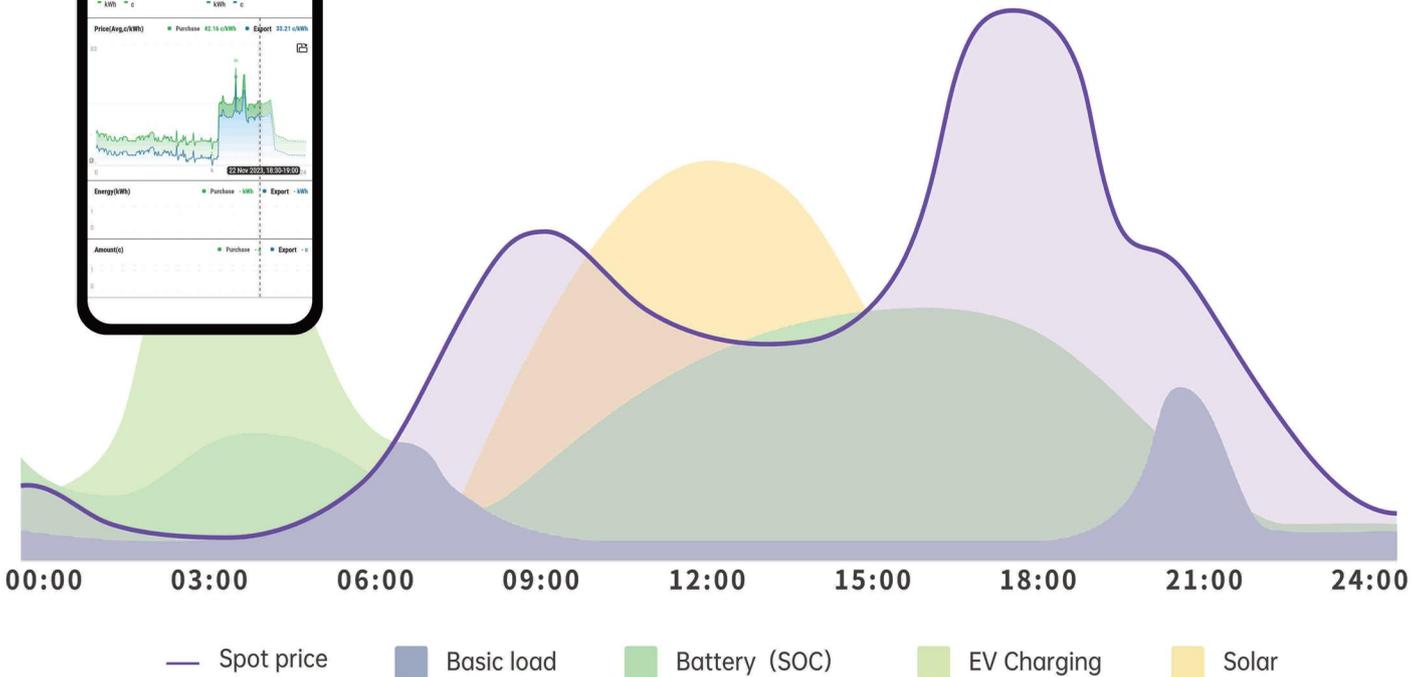
Up to 10 days offline
functionality



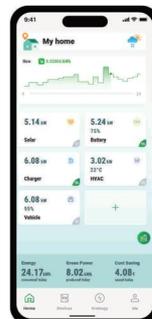
Over-the-air(OTA)
updates

Leverage Dynamic Tariffs To Save Money

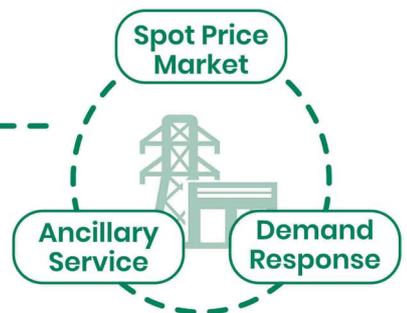
Track dynamic electricity price and optimize energy consumption automatically.



enjoyelec App

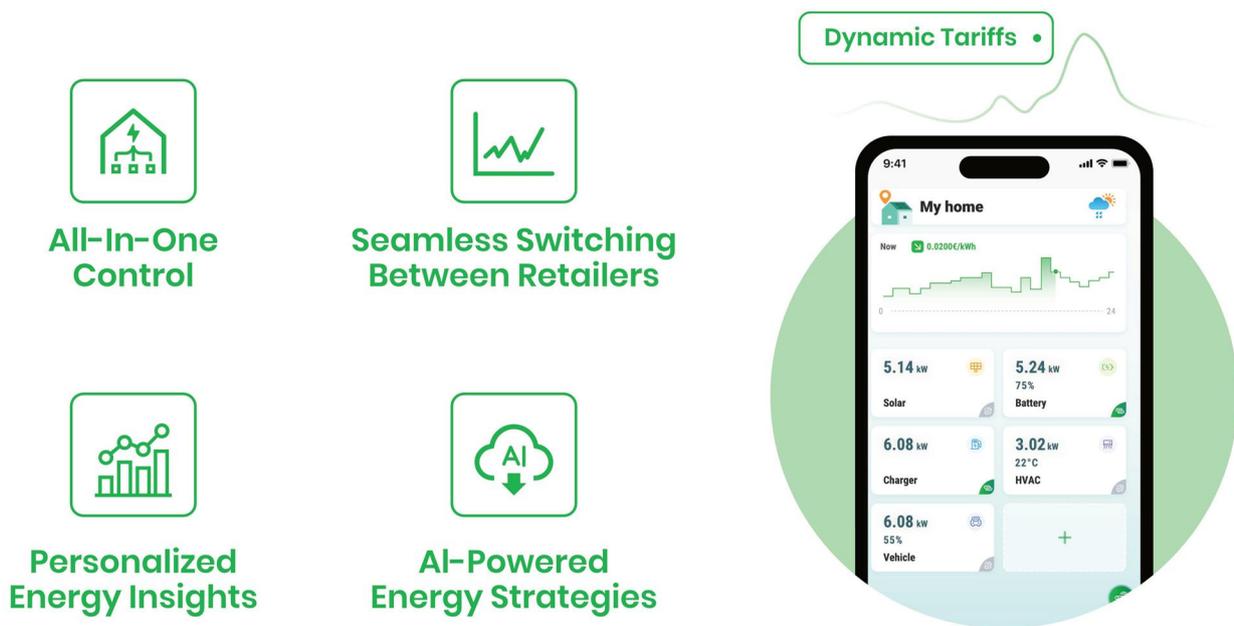


Electricity Market

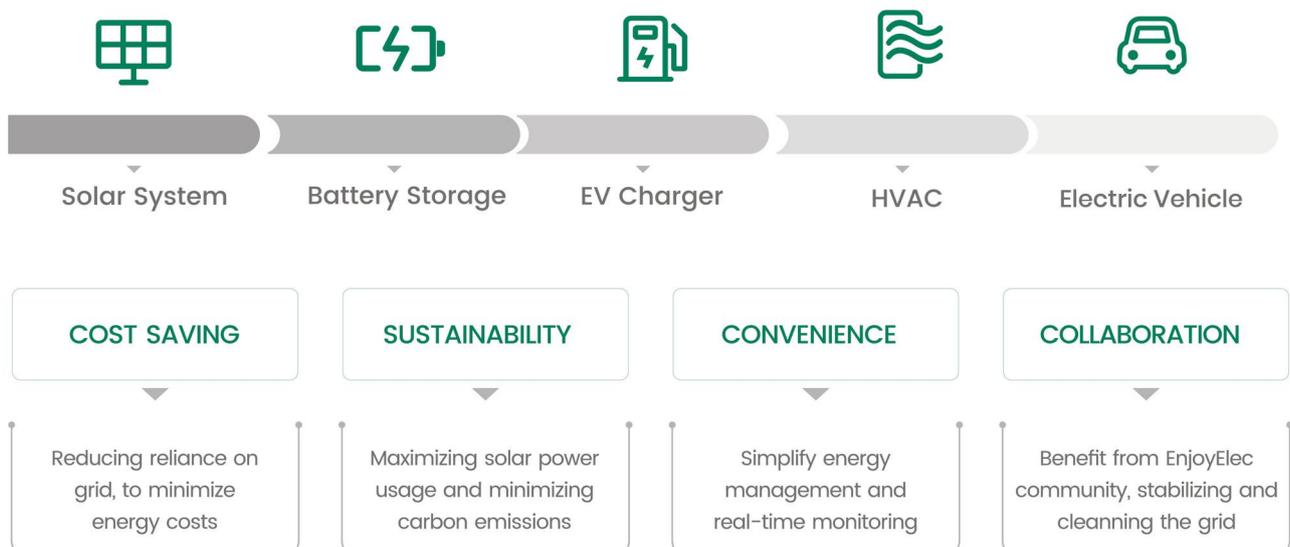


Energy optimization based on dynamic tariffs

The enjoyelec App empowers you to conveniently access and visualize your home energy consumption. Enables direct interaction with your energy products wherever you are. Additionally, enjoyelec operates automatically, effectively reducing and managing your electricity consumption based on fluctuations in the electricity spot market.



All home components can be accessed by your enjoyelec App



AI-Powered Strategy

Streamlining energy cost optimization: AI-driven dynamic tariffs at your fingertips.



Energy trading



⚡ Buy low, sell high, profit from the grid. ⚡

Capacity charge



⚡ Control power, cap your costs. ⚡

Battery standby



⚡ Prep your power for next outage. ⚡

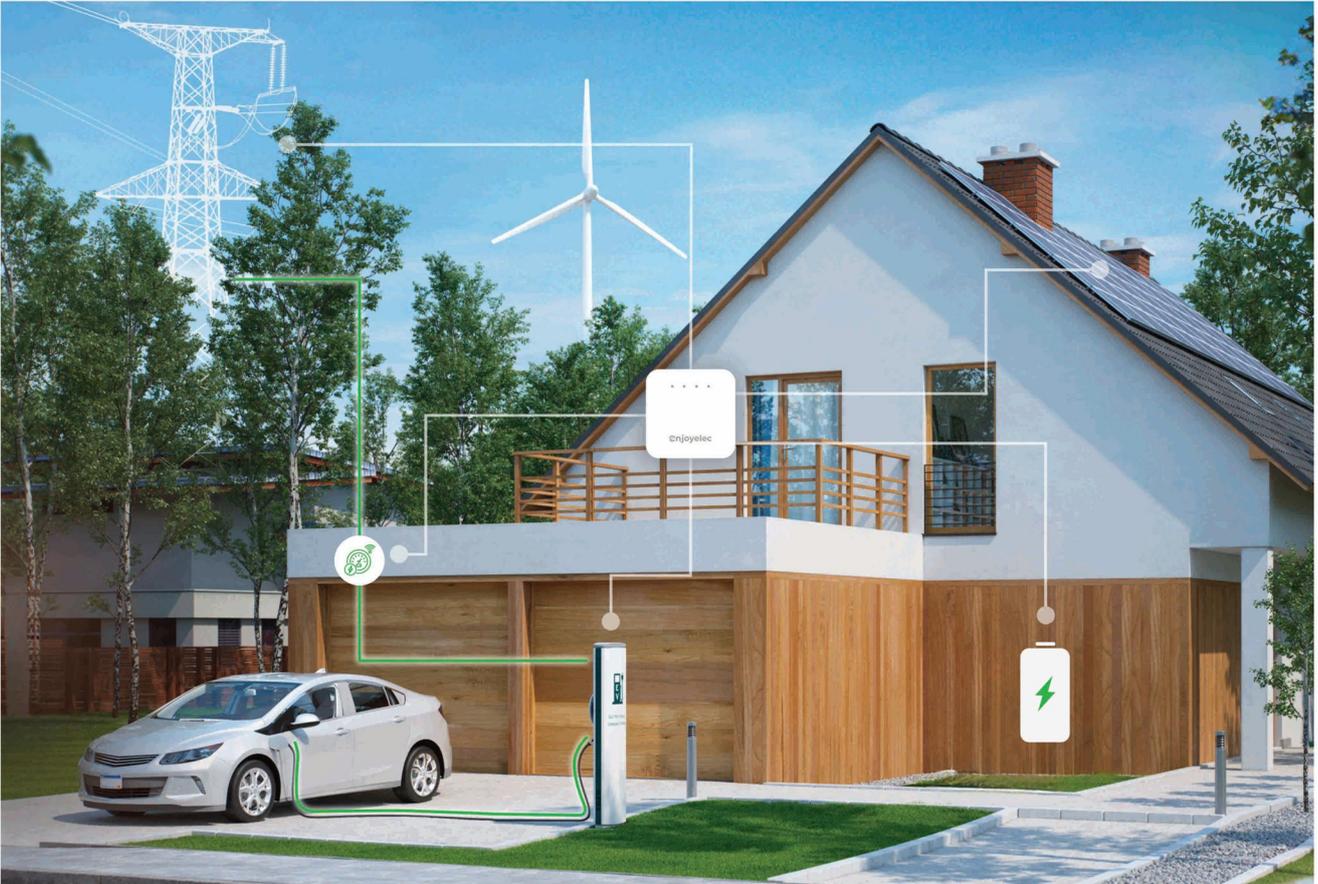
Battery for EV



⚡ Boost Battery for EV charging faster. ⚡

Bidirectional Charging

Power your home and resilient the grid.



The enjoyelec Controller is the interface between your home energy devices and the enjoyelec applications, which you can use to control your home energy.



Profit From The Grid-V2G

Earn money by supplying energy back to the grid



Achieve Energy Self-Sufficiency-V2H

Store backup power for your home or business



Save Money On Energy Usage

Maximize savings by utilizing dynamic tariffs for EV charging and discharging



Integrated With HEMS

leveraging AI-powered home energy management and seamless interoperability with other energy devices for optimal efficiency and cost savings.

Become our eco-partner



Ecosystem integration

enjoyelec Controller supports multiple local protocols, such as EEBUS, Modbus, SGReady, OCPP, Zigbee.



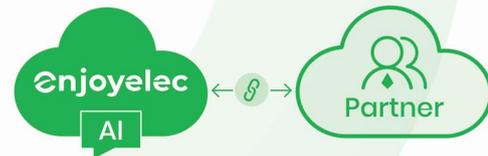
Cloud to Cloud

enjoyelec HEMS supports Open Api, SDK connect.



White-label

We can offer the white - label service for your demand.



AI-powered tech support

Integrate AI into your cloud. Includes strategies for forecasting prices, loads, PV output and dynamic pricing.



Our Successful Story

An Australian user slashed their electricity bills by over \$1,696.73 in just eight months, due to monthly savings and grid arbitrage, with a staggering \$852.04 coming from accumulated energy benefits! Imagine going from paying \$150 monthly bills to actually earning money for unused energy. HEMS empowers households to take control and unlock these savings.



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energy-saving
HEMS highlight

Saving over
\$1,695.73

over half a year
on their energy bill.

*Accumulated Balance: Accumulated amount of money brought by HEMS after deducting user's monthly electricity charges.



Scan to download



About enjoyelec

enjoyelec, a sustainable energy digital services provider based on AI and Cloud, focuses on clean energy applications to achieve carbon neutrality.

enjoyelec excels in the fields of home energy management systems (HEMS), battery storage systems (BSS), vehicle-to-grid (V2G), and virtual power plants (VPP) across various clean energy ecosystems. By leveraging energy AI, battery AI, IoT, and big data, enjoyelec aims to achieve carbon neutrality through a focus on clean energy applications.

Strategy Investors



V O L V O



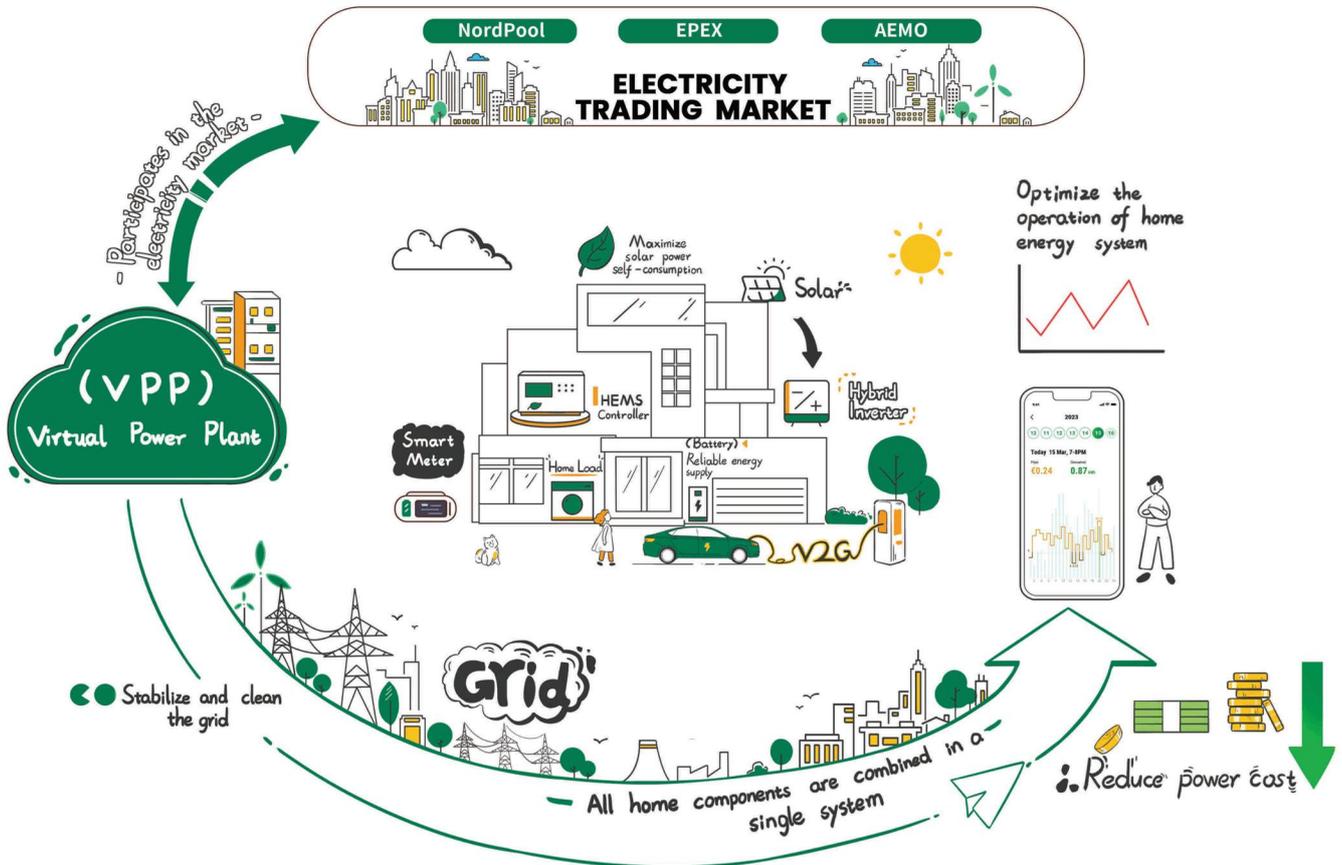
RENAULT NISSAN MITSUBISHI

PORSCHE
VENTURES



Our Vision

Driving clean technologies, enabling people to enjoy sustainable living.



To establish a stable and secure power system, ensuring that everyone can access clean and affordable electricity



To facilitate the global energy sector's transition from fossil fuel-based sources to zero carbon alternatives in order to mitigate climate change.



To enable humanity to inhabit a sustainable planet powered by renewable energy sources.



To achieve ESG goals for sustainable development and guide the transition to Net Zero Carbon

enjoyelec

DRIVE
THE LOW CARBON
FUTURE



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