



# Artic Smart Energy Saving Dashboard

Smart Home · Smart Business · Smart City · Smart Industry





# Contents

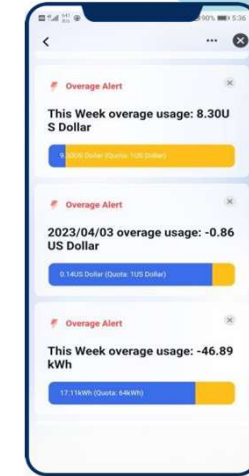
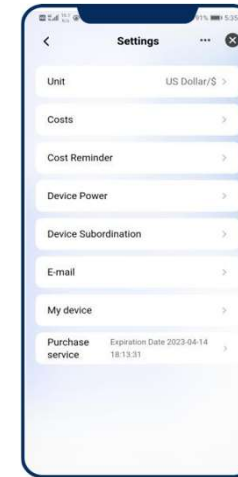
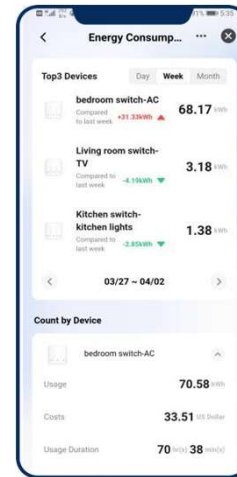
- Electricity Usage Statistics
- Energy-saving Strategies
- B2C Purchase Process
- Customer Management Platform
- Business/Commercial Partnerships





# Introduction to Energy Management System

## Statistical Functionality



### Energy Consumption Statistics

- Device Working Time in the Last 7 Days
- Daily, Weekly, and Monthly Electricity Consumption
- Daily, Weekly, and Monthly Electricity Bill

### Energy Analysis

- Electricity usage/cost trends: Dynamic curve display for weekly and monthly usage/cost.
- Electricity/cost ranking: Ranking based on daily, weekly, and monthly device consumption.

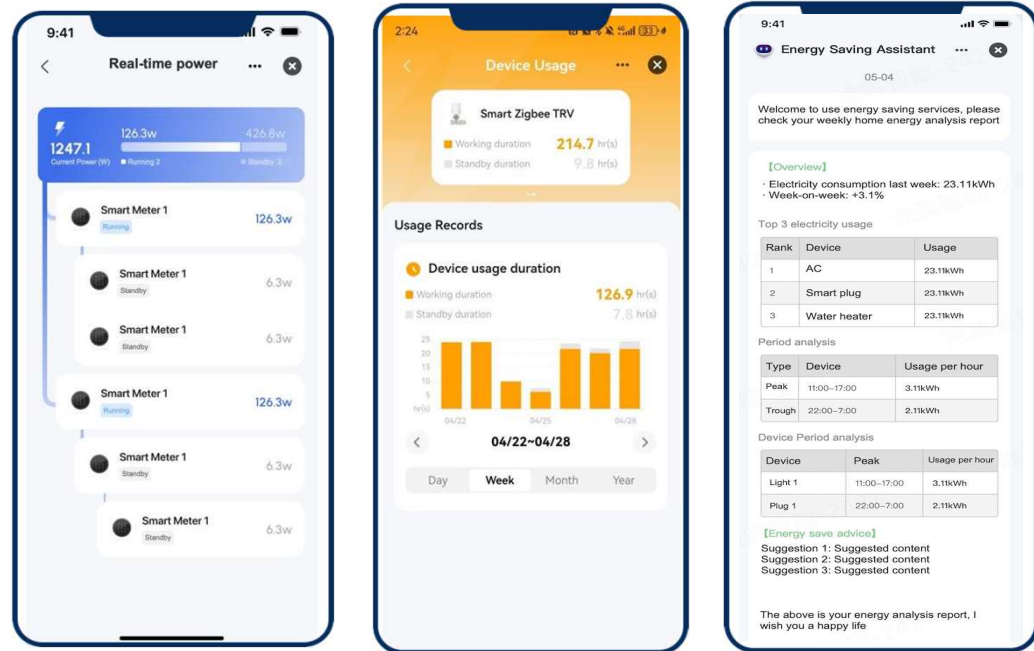
### Energy-saving strategies & management

- Notification push.
- Energy consumption data export (annual electricity usage sent to email).
- Energy-saving suggestions and management mode.



# Energy Usage Analysis and Electricity Saving Services

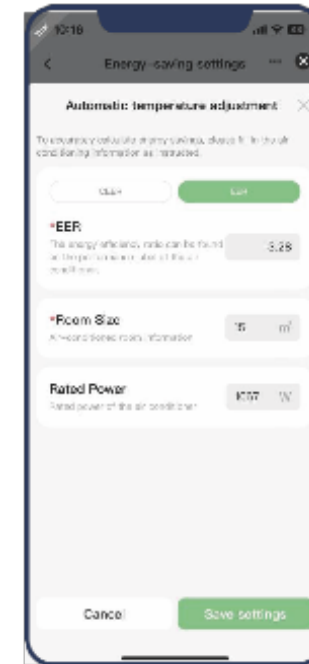
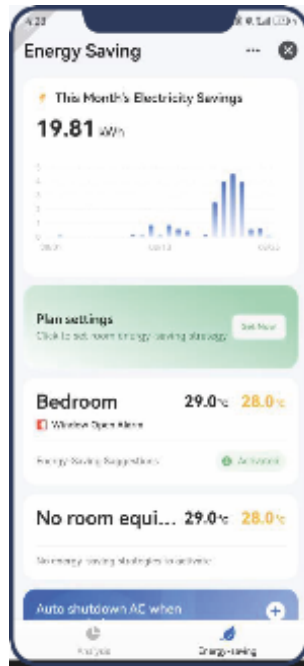
- Trend Analysis: Determine the effectiveness of electricity usage strategy optimization based on electricity usage trends and make timely adjustments.
- Electricity Usage Analysis: Identify which devices or rooms to target for energy savings based on the distribution of electricity usage.
- Energy-saving Assistant: The AI energy-saving assistant helps users interpret household energy consumption data and provides specific energy-saving recommendations.





# Introduction to Energy Management System

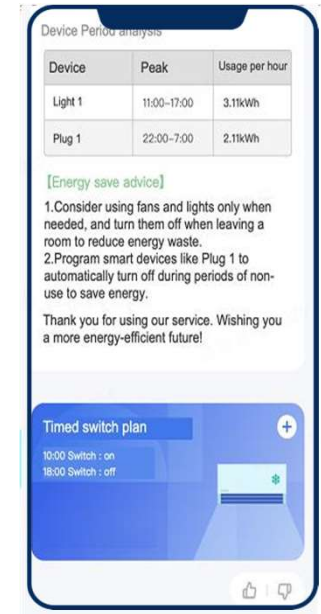
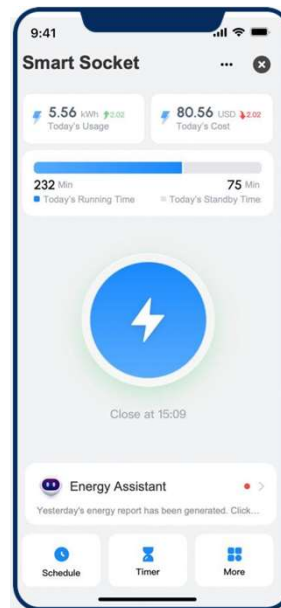
## Energy-saving strategies





# Energy-Saving for Smart Plug

- Data analysis of energy consumption for devices connected to Smart Plugs.
- The standby energy-saving strategy involves utilizing smart metering plugs to monitor power consumption/power (calculated differently for various devices). By integrating the power consumption algorithm in the cloud, it can determine whether a device is in standby mode.

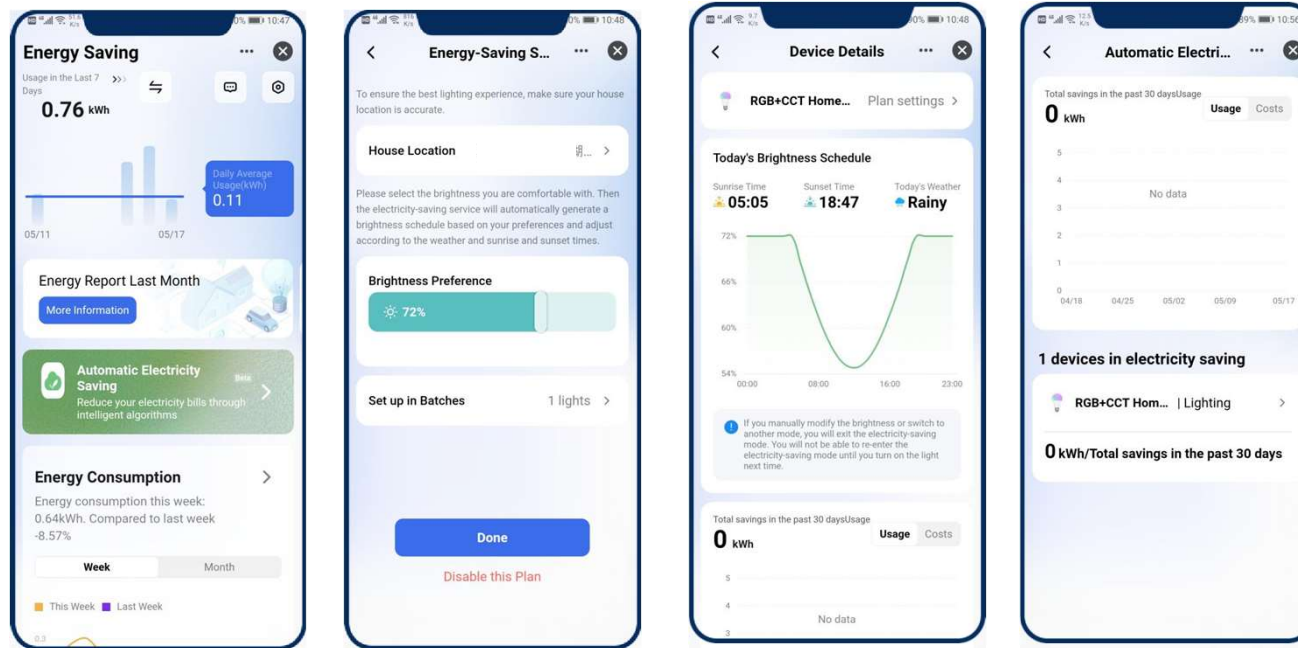






# Lighting Product Energy Saving Strategy

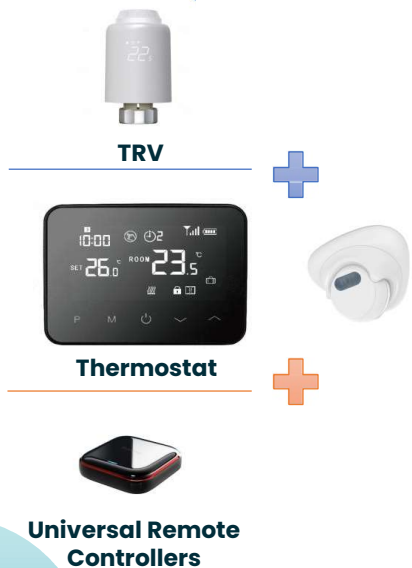
Through the integration of lighting products with external factors like sunrise and sunset times, ultraviolet intensity, weather conditions, user comfort, and lighting algorithms, we have implemented an automated energy-saving solution for lighting. Users can choose to enable or disable this feature based on their preferences.



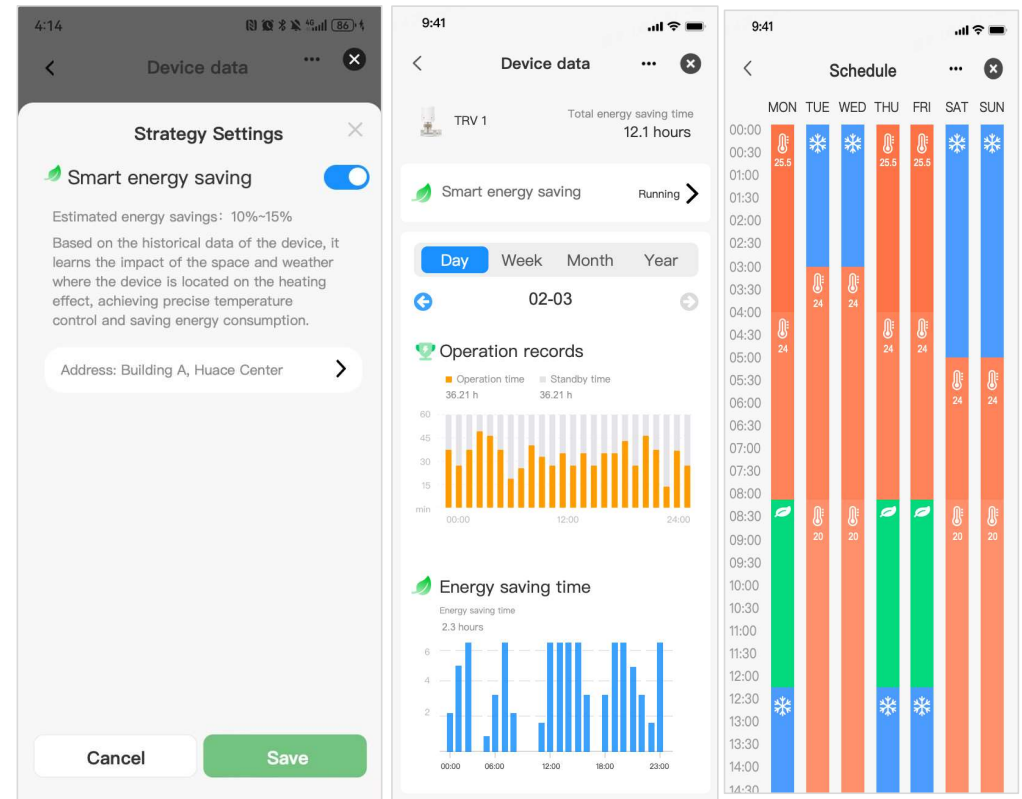


# Energy Saving for HVAC

Home Energy-saving Scenario for High-Power Appliances such as AC and Heating Devices, utilizing Thermostats/Thermostat ic Valves/Universal Remote Controllers, combined with Human Presence Sensors:



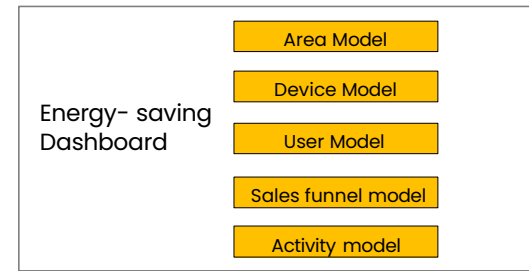
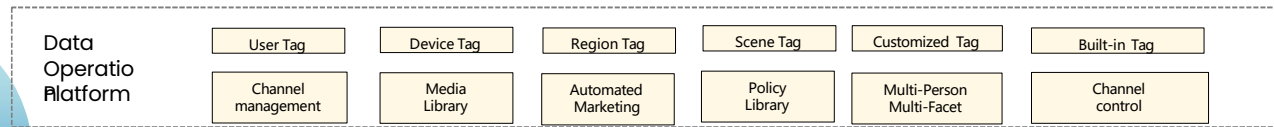
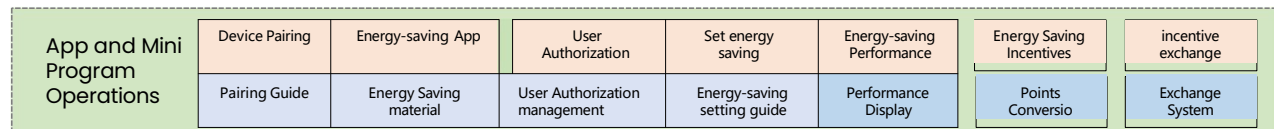
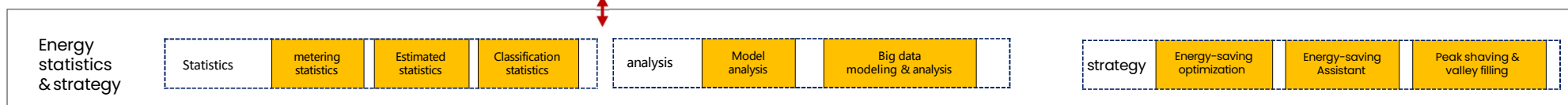
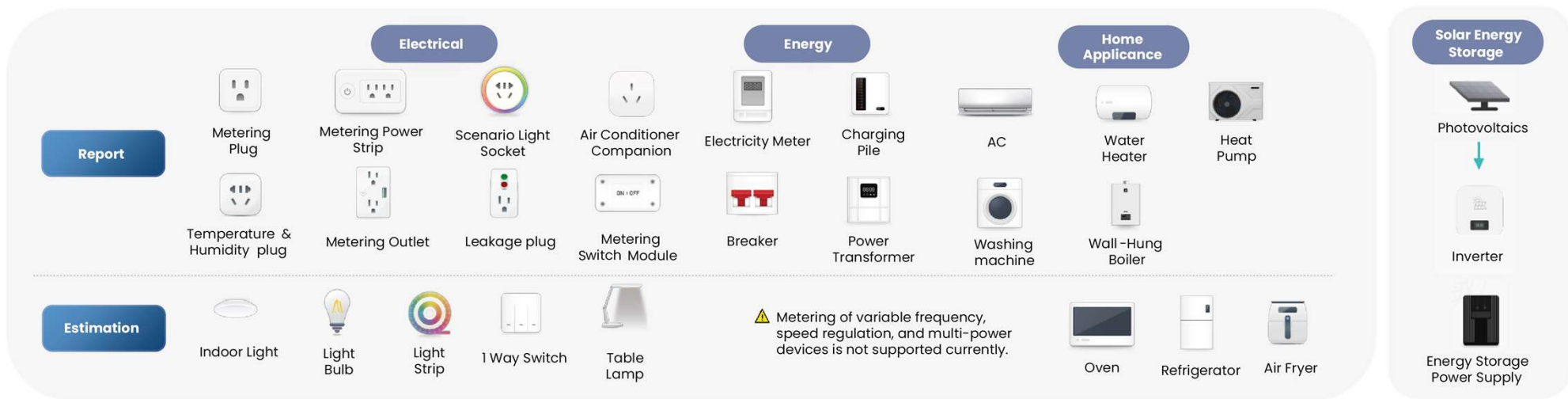
- Automatically shut off devices when no one is present; incorporate cloud-based algorithms to detect window openings and automatically turn off devices; one-touch settings based on comfort level, adjusted automatically with external weather conditions.
- Thermostats are suitable for European, American market with existing equipment, and with improved product functionality based on premium pricing or energy-saving strategies.
- Universal remote controllers are cost-effective and easy to deploy, suitable for scenarios with low investment and observable results.





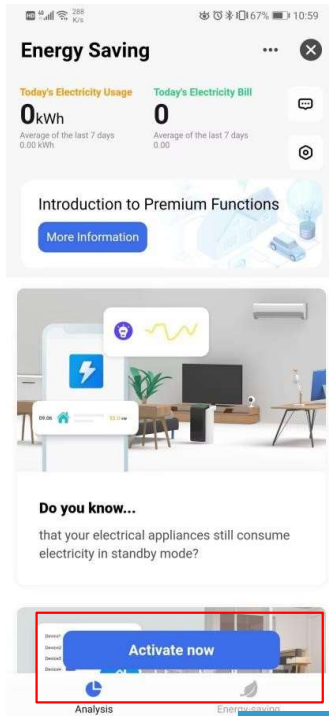


# Home Energy Solution and App Operations

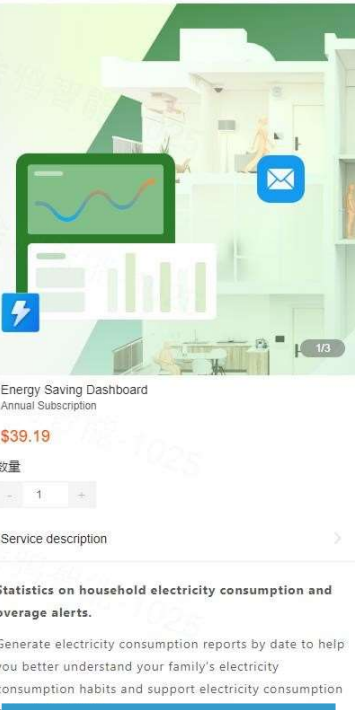
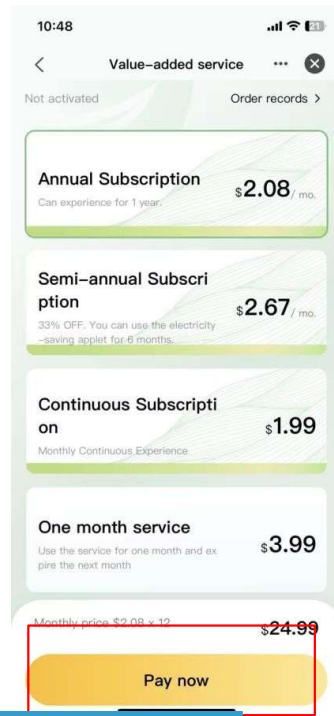




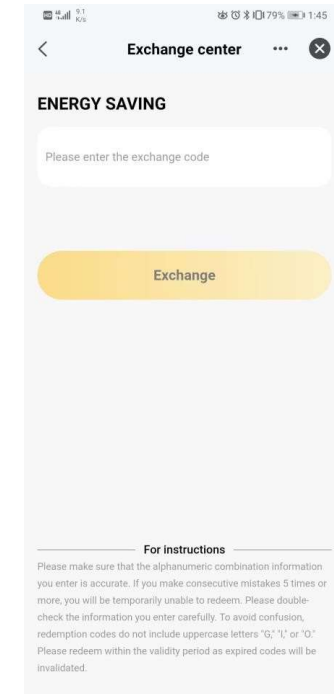
# Purchase Process for End Customers



Purchase within the Energy saving Mini Program



Purchase from the Mall



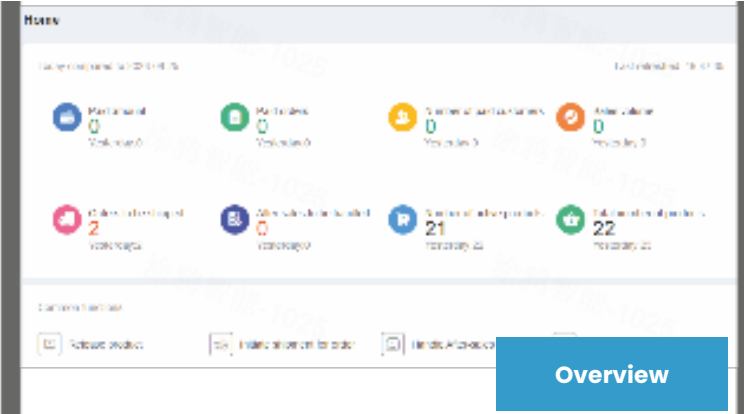
Redeem code



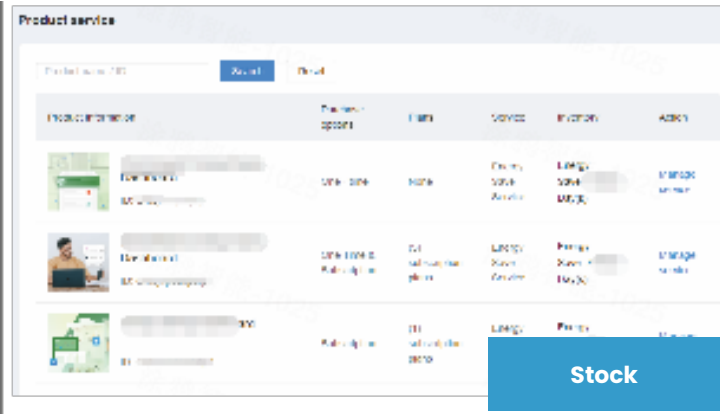
# B2B Customer Product Management Platform



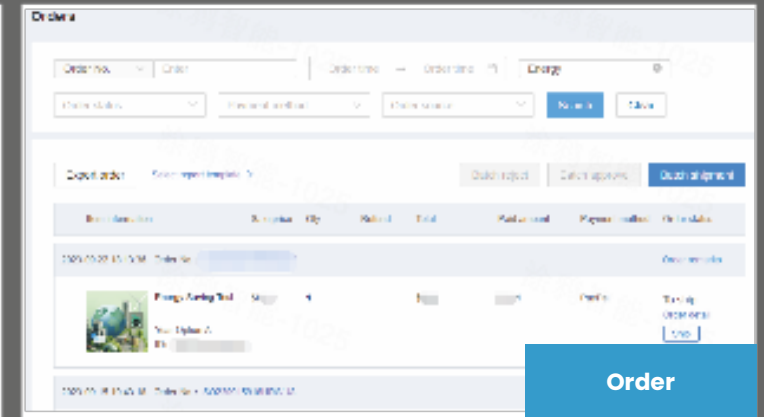
Product Review



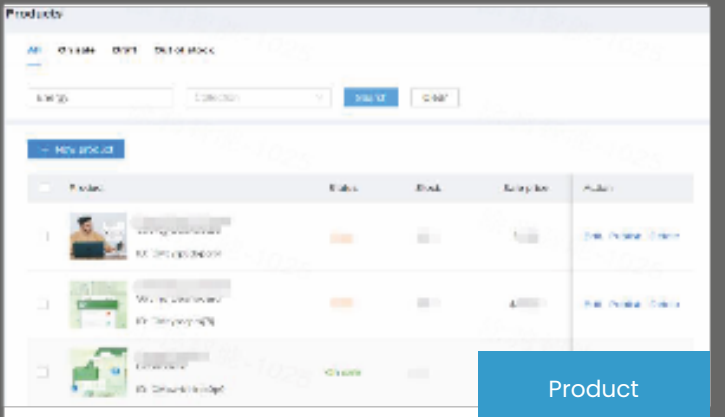
Overview



Stock



Order



Product





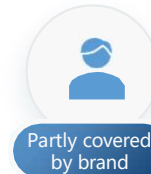
## Business/Commercial Partnerships

B2B customers can recharge their inventory by purchasing energy-saving mini-program licenses from Artic Technology.

B2B customers have the autonomy to set their own pricing and package the products for sale based on product features, as per the following reference:



- When selling hardware, it includes the service of the Energy-saving Mini Program for multiple years;
- Suitable for high-priced items or bundling multiple products;
- Differential hardware product functionality



- When selling hardware, it includes the pricing for the Energy-saving Mini Program for the first year (monthly, quarterly, etc.), and then end users can purchase it themselves.
- suitable for high-priced items or bundling multiple products
- Differentiated hardware product functionality

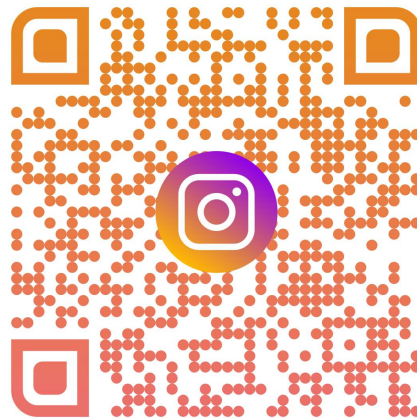


Selling the energy-saving mini-program on the app allows for customization of prices, product types (monthly, quarterly, yearly), and promotional activities as desired.

Note: Multiple sales types can coexist simultaneously.



Lighting your Smart Life.



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