



Total Energy Management Solution


Achieve energy savings with the power system and home automation.




HDL Automation Co.,Ltd.

Background

Electricity is one of our main energy sources, and the demand for electricity is increasing rapidly along with the development of EVs and other technologies driven by electricity, but many pressing issues need to be addressed.




Energy shortages and imbalance of supply and demand of electricity



Inconvenience caused by power outages



High electricity costs

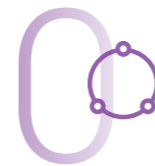


Waste of electricity

HDL Energy management solution is meant to help solving these problems in a smart way.



Who may need HDL solution?



Those pursue the net zero solution



Those want to achieve energy autonomy



Those want to use low-cost energy and avoid power outages



Those want to profit from the electricity time of use pricing structure


Why HDL

- ♥ Total solution, one-stop shop service
- 🌐 Installers in 100+ countries
- ⚡ CATL LFP battery with reliable quality
- 🔄 Battery cycle 10000 times
- 📦 Modular design BESS, easy and simple to install
- 📄 Complete product certification

Contact us

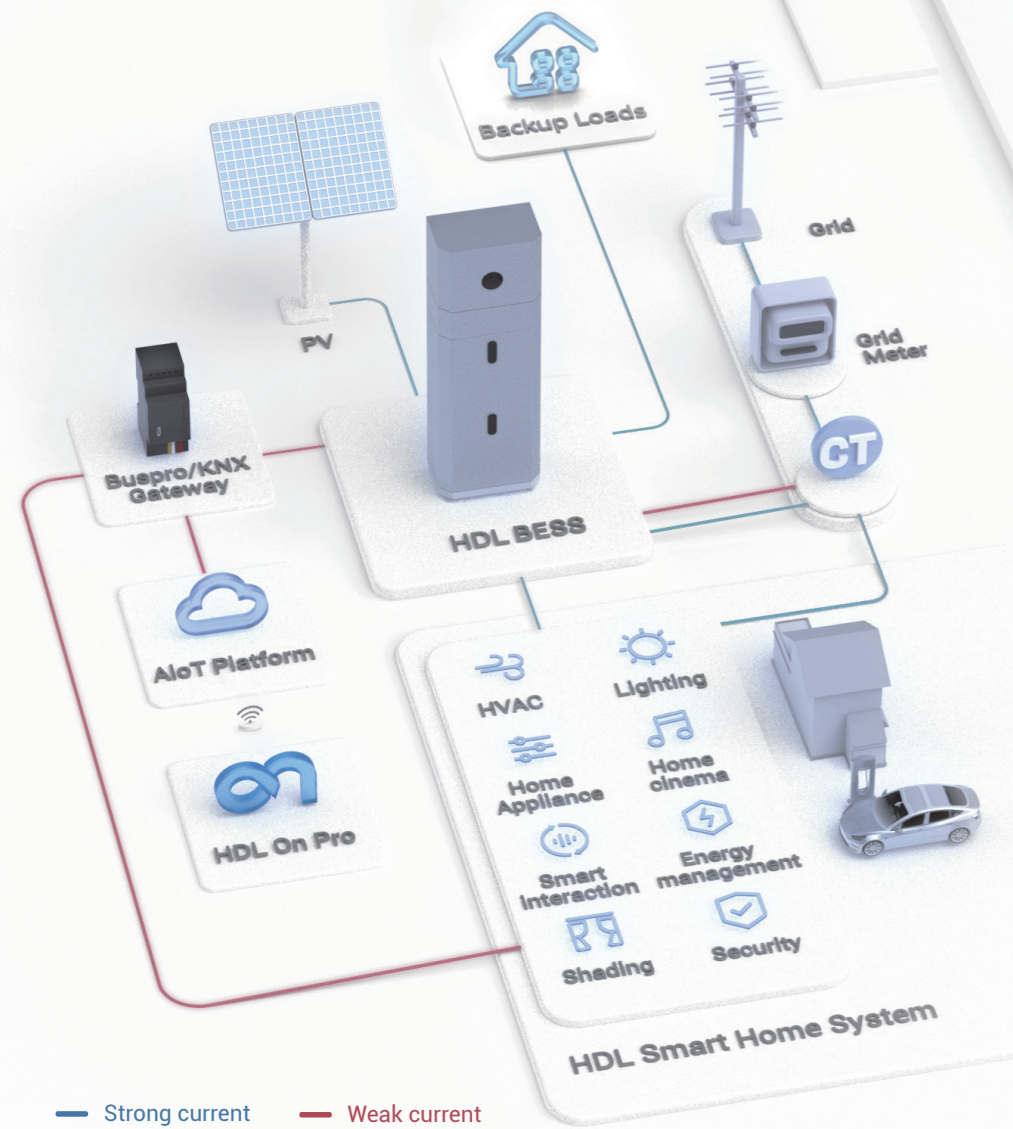
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HDL Automation

Introducing HDL Solutions

HDL Energy Solutions perfectly integrate the power system with the home automation system to achieve efficient energy management of the whole house.



Users can not only monitor but also control energy production and consumption intelligently by managing the PV, BESS, and smart home systems at one terminal.

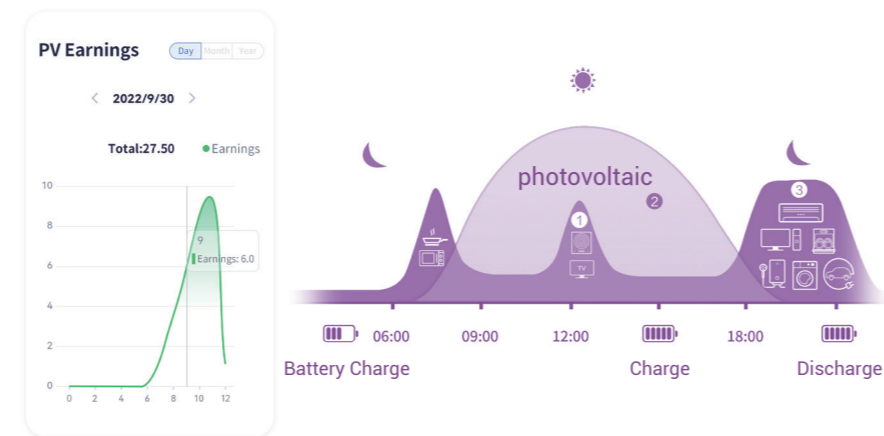
01 Optimize your energy management intelligently

You can view the real-time power production of your solar system, as well as the consumption of each load in your house on the On Pro app and optimize electricity usage smartly. The smart home system can automatically switch between different modes, such as energy-saving mode and comfort mode according to the energy production, battery storage and real-time electricity prices to optimize the energy cost and achieve energy autonomy.



02 Reduce electricity costs

You can charge and discharge your batteries according to the peak and valley electricity price (time-of-use pricing policy) to reduce your energy cost, and even to profit from it by selling back to the grid.



03 Worry-free during an outage

HDL BESS can provide backup power within 10 milliseconds in the power outage to ensure the proper operation of all electrical equipments in the house. Vital devices like security cameras, refrigerators and the Internet all work as they should.



04 Ensure the electrical safety

HDL system can detect abnormal electricity usage in devices in your house and send alerts before it goes completely failure.



About HDL

HDL is a manufacturer of comprehensive automation systems and a provider of integrated solutions for homes, commercial buildings, and hotels.

Our automation products have been applied to tens of thousands of projects, such as the Dubai international airport, the Australian Institute of Architect building 41X, the Beijing contemporary MOMA apartment, the Macau Morpheus hotel and so on.



Found in **1985**

Business in over **100** countries and regions

Over **100,000** projects worldwide