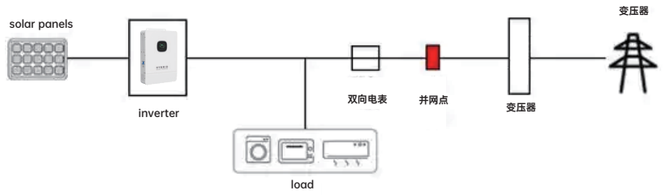
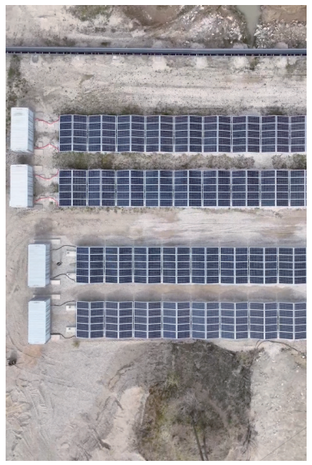
Solution

Solar on-grid system

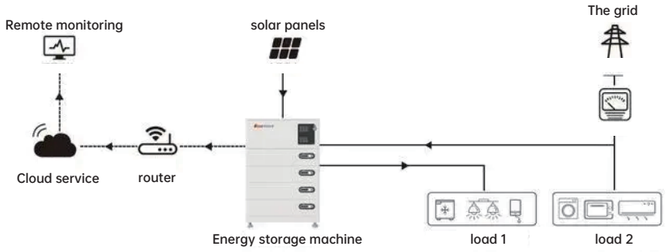
The direct current generated by the solar module is converted into alternating current by the inverter, which is then supplied to the load and connected to the grid. In this way, while meeting the household load, excess electricity can also be sold into the grid.

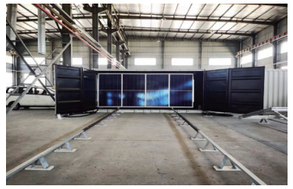




Solar off-grid system

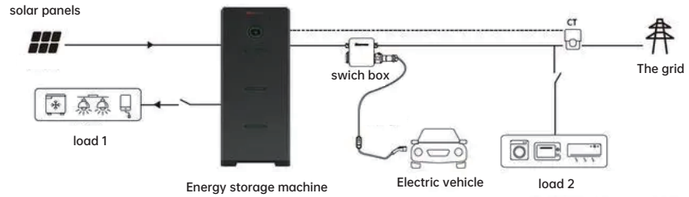
As long as the sun is satisfied, the off-grid system can work independently, and it can provide electricity independently, without relying on the grid. Generally used in remote areas, no electricity areas, islands, communication base stations and street lights.





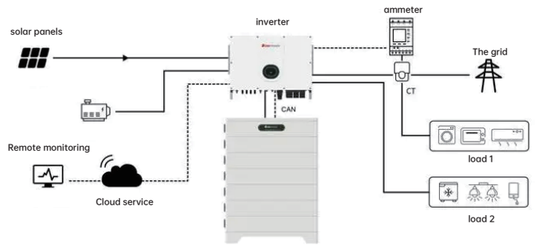
Solar hybrid system

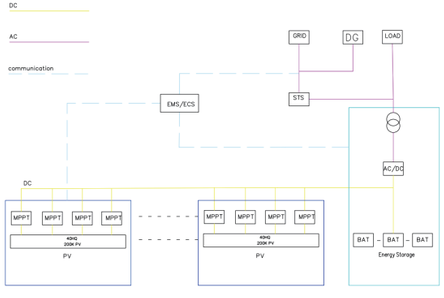
It has the advantages of off-grid and grid-connected systems, and can also operate normally when the power grid is cut off. There is an energy storage battery, which can not be connected to photovoltaic, as an off-grid system, for electricity peak cutting and valley filling or emergency backup.



Solar Microgrid System

Microgrid system is an autonomous system capable of self-control, protection and management, which can not only be connected to the external power grid, but also operate in isolation, which solves the problem of distributed power grid to a great extent, promotes the large-scale access of distributed power and renewable energy, and is a smart grid system that provides efficient supply of various energy forms for load and realizes the active distribution network.



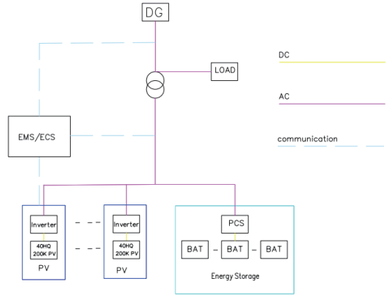


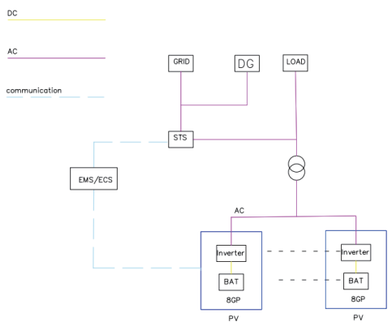
DCC

Suitable for long-term operation, energy storage needs are large

Hybrid

The application load is small, the energy storage demand is not high





ACC

Suitable for large power during the day, small power consumption at night, energy storage demand is not high