

Grid-tied Solar System

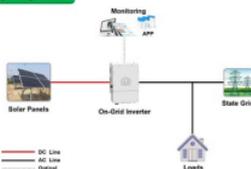
3kw/5kw/10kw/110kw



Product Feature:

1. Single Phase Inverter: (3-5-8kw) series inverter is designed for residential PV plants. Which is compatible with high-efficiency modules and bi-facial modules. Compact and lightweight design, bring easy installation. The protection level is increased to IP65. Integrated AFCI function can proactively reduce the risk of fire.
2. Three Phase Inverter: (8-10-15-20-100-110kw) series inverter is designed. It is 3-phase low voltage string inverter which is the world's largest unit-power currently. It is specially designed for large LV grid PV projects to reduce LCOE. Including C&I roof, large-scale PV plant, higher generation efficiency. String intelligent monitoring, Smart LV Curve Diagnosis supported.

Wiring Diagram:



Cases Show:



Medium Energy Storage System

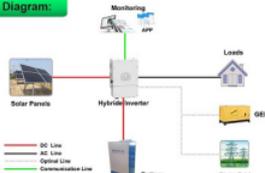
3kw/5kw/8kw/9kw/10kw/15kw



Product Feature:

1. Colorful touch LCD, IP65 protection degree
2. 6 time periods for battery charging/discharging
3. Max. charging/discharging current of 190A
4. Frequency droop control, Max.160cs parallel
5. DC couple and AC couple to retrofit existing solar system
6. Support storing energy from diesel generator
7. 48V low voltage battery, safe and reliable
8. Unique Smart Load application and Grid peak sharing function
9. 4ms fast transfer from on-grid to off-grid mode, ensuring the traditional fixed frequency air conditioner works well.

Wiring Diagram:



Cases Show:



Medium Energy Storage System

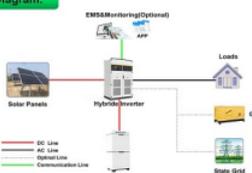
30kw/50kw/100kw/150kw/250kw



Product Feature:

1. Various working modes can be set flexibly.
2. Flexible Battery Type(Li-ion,lead-acid).
3. PV controller can be expanded to facilitate flexible configuration of photovoltaic capacity.
4. Integrated design to support loads, batteries, power grids, diesel generators and PV be connected.
5. Integrated EMS function, power supply security and stability, maximum utilization of new energy.
6. Prediction intelligent battery management and discharge time.
7. CAN and RS485 communication interface, modbus protocol.
8. Seamless transfer between on and off grid. Strong load adaptability.
9. Perfect protection function to protect inverters and batteries.

Wiring Diagram:



Cases Show:



Large Micro-Grid System

50kw/100kw/150kw



Product Feature:

1. Compatible with most kinds of batteries.
2. Wide battery voltage range.
3. Support on-grid charge/discharge and off-grid independently working.
4. Reactive power and active power can be adjusted.
5. Support black start, support multi-machine parallel function.
6. Flexible communication mode, receive BMS instructions in real time.
7. Small size, convenient for easy operation and maintenance.
8. Using high performance DSP, the system is more stable and effective.
9. Patent software control and detection algorithm ensure that the equipment fault can be found in time, and the 10 running status of the equipment is available via EMS.
10. CAN/RS485 double power supply backup to ensure control system is always power on.

Wiring Diagram:



Cases Show:

