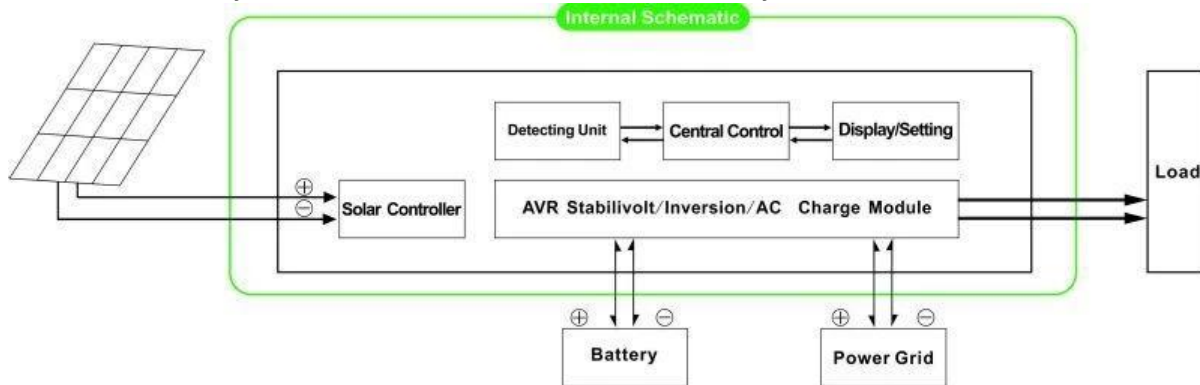


## Introduction

This series of product is a module design of inverter and built-in MPPT controller, which has the advantages of high conversion efficiency, low power consumption and strong load-carrying ability. With intelligent control, customers can set charging mode, (Utility as complementary power) AC first mode or DC first mode, timed inversion mode and timed utility mode, timed on/off sleep mode. This is the currently the most advanced inverter & controller hybrid in the world.





## Feature

1. Easy to install. To configure a solar system, customers only need to connect it with solar panels and batteries;
2. CPU management ,intelligent control, modular design, User-friendly LCD display;
3. Built-in MPPT controller, high charging efficiency;

4. Low power consumption, high conversion efficiency;
5. Intellectual, multi-function, convenient for customers with different using environment to fully use the solar energy;
6. External battery connection, convenient to expand back-up power time
7. Strong load-carrying ability, low failure rate, easy maintenance and long service life
8. Perfect protection: low voltage protection, over voltage protection, overheat protection, short-circuit protection, overloads protection
9. CE / EMC / LVD/ RoHS Approvals
10. Two years warranty, life-long technical supports.

## Parameter:

|                             |                      |   |
|-----------------------------|----------------------|---|
| Parameter Model             |                      | 2000W   |
| Rated Output Power          |                      | 2000W   |
| Peak Power                  |                      | 4000W   |
| Battery (Lead-acid battery) |                      | 24V/48V optional  |
| Charging Parameter          |                      |   |
| Charge Mode(setting)        |                      | PV charge   |
|                             |                      | PV charge + utility charge                                    |
| MPPT Solar Controller       | Voltage              | 24V/48V   |
|                             | Current              | 30A   |
|                             | Max PV Input Voltage | 100V  |
|                             | PV Charge Efficiency | 95%~99%   |
|                             | Max PV Input Power   | 24V 852W; 48V 1704W   |
| Utility                     | AC Charge Current    | 0~15A   |
|                             | Charge Mode          | 3-Stage Charging  |
| Inversion parameter         |                      |   |
| AC Output                   | Voltage              | 220V±3% or 230V±3 or 240V±3% or 100V±3% or 110V±3% (optional) |
|                             | Frequency            | 50Hz±0.5 or 60Hz±0.5 (optional)                               |



