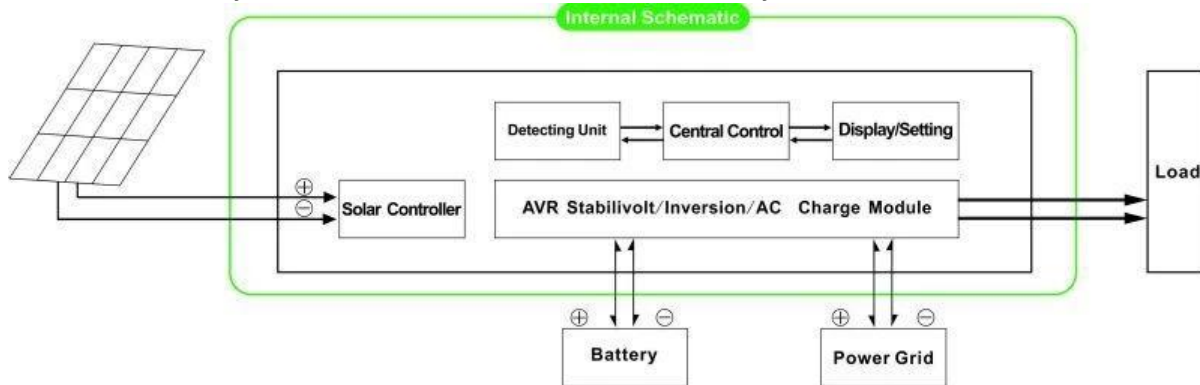


Introduction

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)

