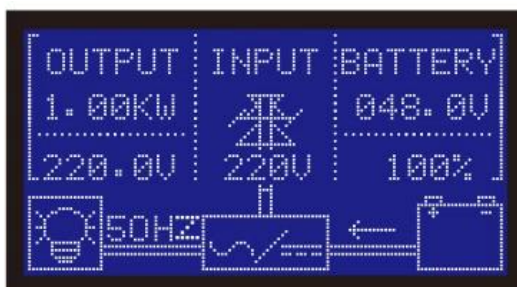


Application

1. Off-grid solar power system
2. Solar power system with utility as complementary power



Feature

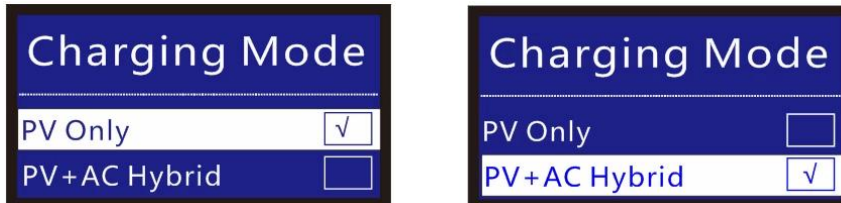
1. Easy to install. To configure a solar system, customers only need to connect it with solar panels and batteries;
2. CPU management ,intelligent control modular design, User-friendly LCD display;
3. Built-in MPPT controller, high charging efficiency;
4. Low power consumption, high conversion efficiency;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

Function

1. Charging function

There are 2 modes as shown bellow:



2. Utility as complementary power function

There are 2 kinds of complementary modes, shown as bellow:

- 1.1 AC first , DC standby UPS mode
- 1.2 DC first, AC standby UPS mode.

3. Timing function

There are 2 kinds of timing mode:

- 3.1 Timed on/off normal working mode and sleep mode.
- 3.2 Battery and utility switchable mode.

4. Recording/checking function

- 4.1 Machine fault checking: can check the machine fault information
- 4.2 Discharge time checking: can check the discharge time of the battery

Parameter

1. Charging Parameter

Charge Mode□**setting:** PV charge, PV charge + utility charge;

Voltage: 24V;

Current: 20A;

Max PV Input Voltage:100V;

PV Charge Efficiency: 95%~99%;

Max PV Input Power:568W;

AC Charge Current: 0~15A;

Charge Mode: 3-Stage Charging.

2. 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□

Output wave type:Pure sine wave output, waveform distortion rate≤3;

Overload ability :□120% 1 min, □130% 10s;

Power Consumption (under normal working mode):0.4A;

Power Consumption(under sleep mode):1-6W;

Inverter Conversion Efficiency:85%~92%

