



Description of Functions

1. The charge controller automatically recognize 12V or 24V system.
2. Mainly suitable for small off-grid solar power system, for example: home solar power systems, ships, self-service base stations, outposts, etc.
3. LCD display various parameters of charge and discharge.
4. Boost charge voltage and battery low voltage protection point can be adjustable
5. The three-stage PWM charging mode
6. Load output can be manually controlled.
8. With electronic protection

Technical Date

| MODEL | SNC50 | SNC50 |
|--------------------------|--------------------------------|-------|
| Max. solar panel current | 50A | 60A |
| Max. load current | 50A | 60A |
| Use voltage | 12V/24V, automatic recognition | |
| NO-load current | 10 mA | |
| Overvoltage protection | 15.5V(12V), 31V/24V; | |
| Work temperature range: | -35°C--+55°C | |
| Boost voltage | 14.6V(12V), 29.2V/(24V) | |
| Equalization voltage | 14.8V(12V), 29.6/(24V) | |
| Float voltage | 13.8V(12V), 27.6V/(24V) | |
| Recharge voltage | 13.2V(12V); 26.4/(24V); | |
| Temperature compensation | -5mv/°C/2V | |
| Low-voltage disconnect | 11V(12V); 22/24V; | |
| Load reconnect voltage | 12.6V(12V), 25.2/(24V) ; | |
| Charge control mode | PWM | |
| diplay mode | LCD | |
| Dimension | 160*174*75mm | |
| Weight | 0.96kg | |