

# SNC10/20/30/40

## Solar Charge Controller

# Datasheet



## 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	SNC10	SNC15	SNC20	SNC30	SNC40
Max. solar panel current	10A	15A	20A	30A	40A
Max. load current	10A	15A	20A	30A	40A
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				