ViewStar series

VS series 10A-60A,12V/24V/48V programable solar
controller with LCD display
1. common negative
2. programable parameters
3. real clock

VS1024N,VS2024N,VS3024N,VS4024N,

VS5024N,VS6024N

VS2048N,VS3048N,VS4048N,VS5048N,

VS6048N

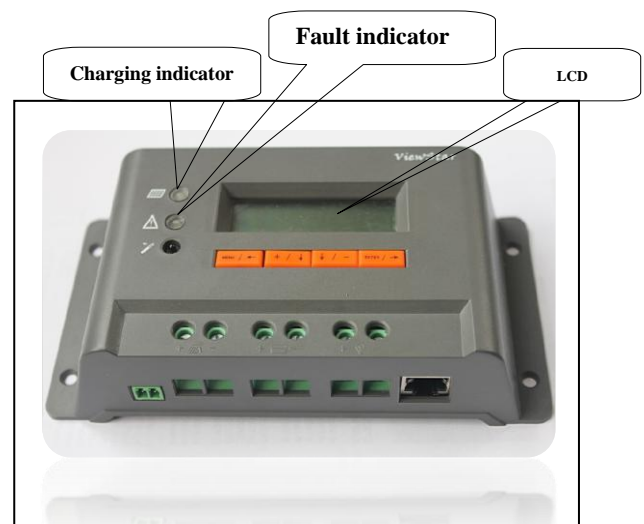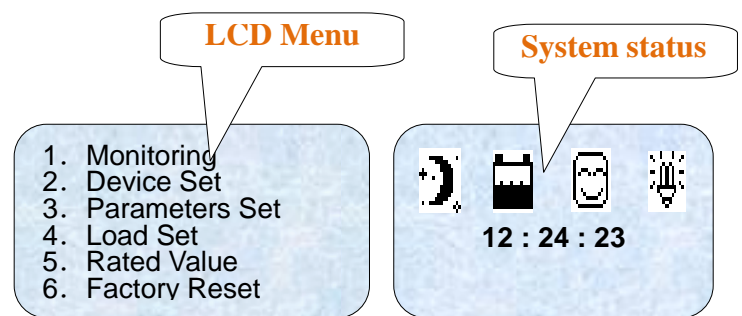## SOLAR SYSTEM CONTROLLER

Rated Current： 10A,20A,30A,40A,50A,60A

System Voltage：12/24V，12/24/48V

Load work modes:

ON/OFF,

DUSK to DAWN,

DUSK+ dual flexible timer,

REAL TIME CONTROL

- On site parameters and control modes adjustable.
- Automatic 12/24V detection
- PWM regulation
- Widely used, automatically recognize day/night
- Clear, readable3-digit LCD Display and symbols
- Display for panel current, load current, and battery voltage, Ah etc
- Gel, Sealed and Flooded battery type option
- Four push button to select displayed value
- Integrated temperature compensation
- Fully electronically protected
- Fully reverse protection
- Use MOSFET as electronic switch.
- Negative ground
- Large terminals

LCD Menu

1. Monitoring
2. Device Set
3. Parameters Set
4. Load Set
5. Rated Value
6. Factory Reset

System status

12 : 24 : 23

Charging indicator   Fault indicator   LCD

Application：

Ideal for off-grid solar system that loads
are normally on or controlled by manual

★Solar home system

★Solar light system

★Solar CCTV system

★ Solar traffic system

★Wild automatic detection equipment

Our Advantage：

★Sophisticated R&D has over 20 years research experience's and works in close collaboration with Beihang University.

★ Professional technical and service team

★ Using world top class electronic components; all the components are industrial grade

★ High quality products with reasonable price; the failure rate is less than 2 per1000 pcs

★ Practical application in more than 120 countries

★ Expected 10 years lifetime

★ 2 years warranty

Electrical parameters

System voltage	12 / 24V,12/24V/48V
Nominal battery current	10A,20A,30A,40A,50A,60A
Charge circuit voltage drop	≤0.24V
Discharge circuit voltage drop	≤0.16V
Self consumption	≤44mA

Model	VS1024N	VS2024N	VS3024N	VS4024N	VS5024N	VS6024N
Rated current	10A	20A	30A	40A	50A	60A
Rated voltage	12V/24V Auto					
Terminals	4mm2	10mm2	16mm2	35mm2	35mm2	35mm2
Net Weight	0.2kg	0.4kg	0.7kg	0.9kg	1.2kg	1.3kg
Working temperature	-35℃ - +55℃					

Model	VS2048N	VS3048N	VS4048N	VS5048N	VS6048N
Rated current	20A	30A	40A	50A	60A
Rated voltage	12V/24V/48V				
Terminals	16mm2	35mm2	35mm2	35mm2	35mm2
Net Weight	0.7kg	0.9kg	1.2kg	1.3kg	1.4kg
Working temperature	-20℃ - +55℃				