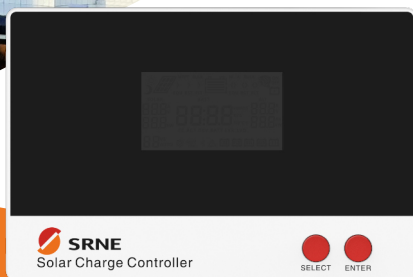




HV series

Solar Charge Controller

HV2430



For off-grid application

- Can be connected to both PV, battery and load
- Multiple load operating modes to meet diverse needs

User-Friendly

- Easy to install and simple to use
- With large LCD screen

Safety

- Complete multi-stage PWM charging management
- 360 degrees of security from hardware to software

All-in-One

- Supports multiple battery types
- Highly integrated, helps you save space and wire

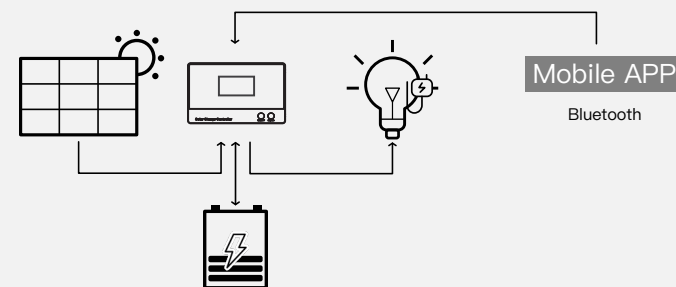
Reliable

- Equipped with dual MOS anti-backflow circuit
- Supports TTL communication of standard modbus protocol

Intelligent

- Exclusive Li-ion battery BMS dual activation
- Supports Bluetooth with mobile APP

MODEL	HV2430	Can Be Set
PV INPUT		
Max.Voltage of Open Circuit	55Vdc	
Max.PV Input Power	400W/12V 800W/24V	✓
BATTERY		
Battery Type	Lead-acid / Li-ion / User Defined	✓
Rated Battery Voltage	12/24Vdc	
Rated Charging Current	30A	
Charging Mode	PWM charging is the default mode	
LOAD		
Rated Load Current	30A	
Load Working Mode	Light control, Light control + Time control, Manual control (default), Debugging mode, Normal open	✓
COMMUNICATION		
TTL	Baud rate 9,600kps (adjustable range 1,200 kps~115,200kps)	
GENERAL		
Weight	362g (0.80lb)	
Dimensions	180.26*120.26*19.7mm (0.59*0.39*0.06ft)	
Protection Degree	IP32	
Operating Temperature Range	-35°C ~ +65°C (-31°F ~ 149°F)	



Wirting diagram