SRNE



NEW
BEST QUALITY



HC series

Solar Charge Controller

HC2410/2420/2430/2440/2460

12/24V | 55V | IP32

For off-grid application

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

All-in-One

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

User-Friendly

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

Reliable

- Equipe with dual MOS anti-backflow circuit
- Supports USB dual-port output

Safety

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

Intelligent

- Exclusive Li-ion battery BMS dual activation
- Automatic battery voltage identification

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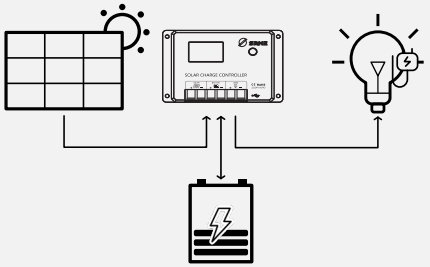
MODEL	HC2410	HC2420	HC2430	HC2440	HC2460	Can Be Set
PV INPUT						
Max.Voltage of Open Circuit	55Vdc					
Max.PV Input Power	150W/12V 300W/24V	300W/12V 600W/24V	450W/12V 900W/24V	600W/12V 1200W/24V	900W/12V 1800W/24V	✓
BATTERY						
Battery Type	Lead-acid / Li-ion / User Defined					✓
Rated Battery Voltage	12/24Vdc					
Battery Voltage Range	9~32Vdc					
Rated Charging Current	10A	20A	30A	40A	60A	✓
Charging Mode	PWM charging is the default mode					
LOAD						
Rated Load Current	10A	20A	30A	40A	60A	
Load Working Mode	Light control, Time control, Normal open, C2A, C2d, C2n					✓
GENERAL						
Weight	130g (0.29lb)	180g (0.40lb)	290g (0.64lb)	322g (0.71lb)	660g (1.46lb)	
Dimensions	120*75*34mm	134*85*36mm	159*100*39mm		193*131*55.2mm	
Protection Degree	IP32					
Operating Temperature Range	-35°C ~ +60°C (-31°F~140°F)					



Wirting diagram