

HV6015

Waterproof Boost MPPT
Solar Charge Controller

FEATURE

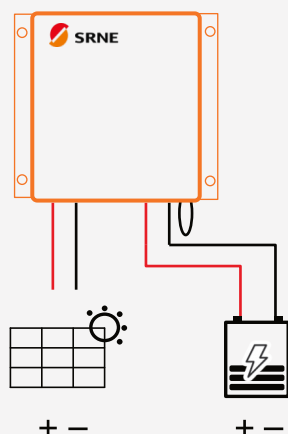
- With IP67 protection grade
- MPPT efficiency as high as 99.9%
- Supports 16V-50V PV panels, wider application range
- External jumper design, easy to switch 48V and 60V batteries
- Dual-colour LED status indication of battery voltage
- Built-in Bluetooth communication, convenient connection

ABOUT SRNE

- SRNE 15 years in PV industry, committed to independent R&D and production.
- Holds over 200 patents in energy storage, with unique industry-leading technologies.
- Chooses top-quality international components to deliver high-value products to customers.
- Upholds values of customer priority, proactivity, responsibility, and innovative breakthroughs.

MODEL	HV6015
PV INPUT	
System Voltage	48V/60V
Max. Input Current	26A
Max. Input power	220W@Vin=10~15V; 420W@Vin=15~30V; 750W@Vin=30~45V
MPPT operating voltage range	12~45V
BATTERY	
Battery Type	SLD(Default)/FLD/GEL/Li/USE/USE LI
Charge method	Boost MPPT Charging
Input Voltage Range	10~50V
Rated charging current	4A@Vin=10~15V; 8A@Vin=15~30V; 15A@Vin=10~50V
EFFICIENCY	
MPPT tracking efficiency	>99%
Max. charging conversion efficiency	85%~98%
COMMUNICATION	
Standard	Built-in Bluetooth
Optional	TTL、RS485
Baud	9600~115200bps (Default 9600bps)
GENERAL	
Dimension	105*114.4*34mm
Static power consumption	≤10mA
Protection degree	IP67
Operating Temperature Range	-35°C~65°C
Certification	RoHS, CE-EMC
PROTECTION	

With battery over-voltage protection, output current limiting protection, output open circuit protection, waterproof protection, battery reverse connection protection, PV input over-voltage protection, PV input reverse connection protection, night-time anti-reverse charging protection.



Recommended PV Panel Specifications

Num. Of PV	Max. power point operating voltage /Vmp	Open circuit voltage/Voc	Max. power/Pmax
36cell	18V	22V	360W
60cell	30V	36V	600W
72cell	36V	44V	800W