



PV+ PV-



LAN RS232

BAT(+) BAT(-)



BAT TEMP



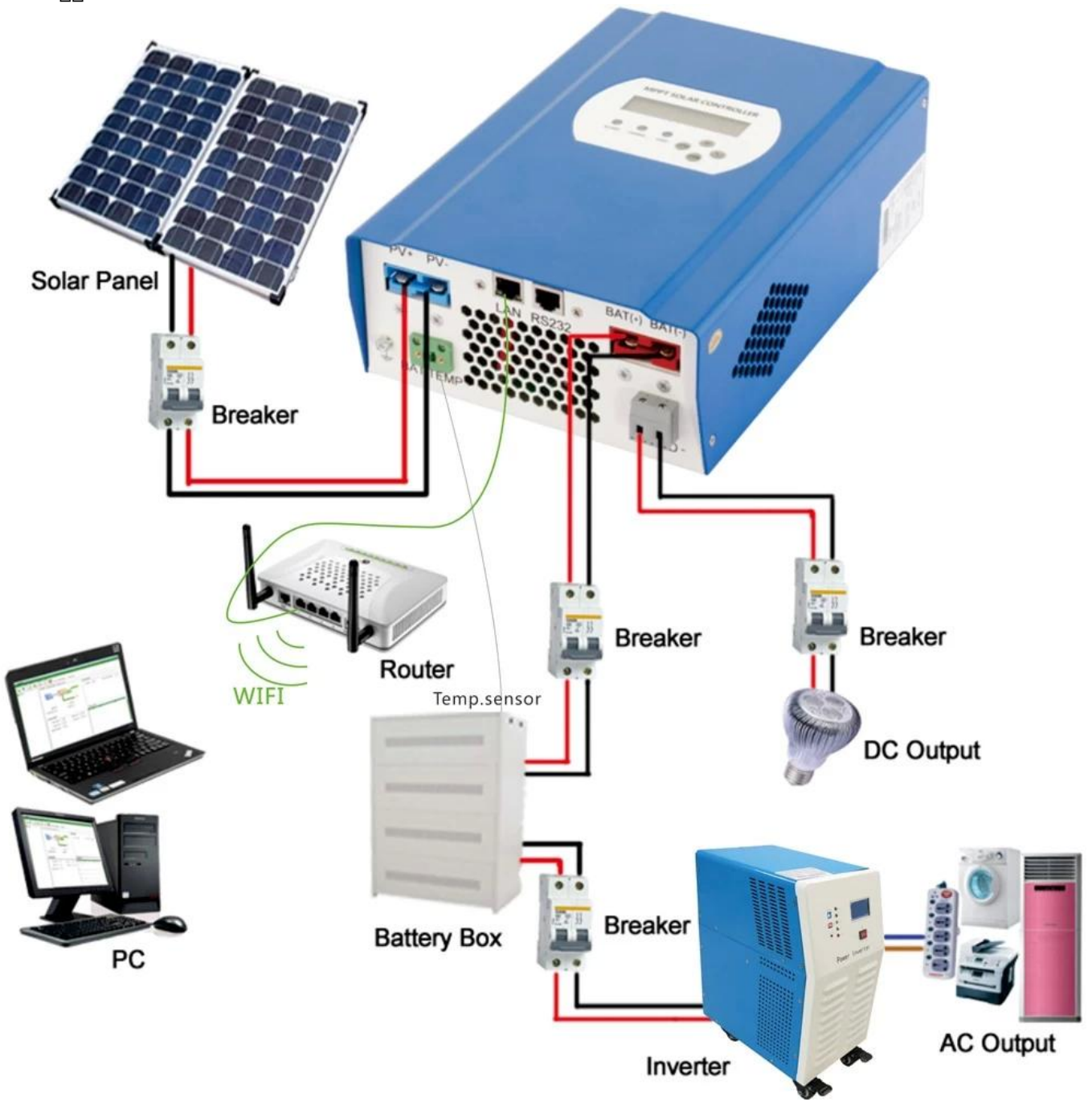
+ LOAD -

- 9. Most LCD, LED, PV, and other components are used.
- 10. RS232, LAN, IP, and other communication protocols are supported.
- 11. The device is designed for long-term operation.
- 12. With the help of the device, the system can be easily installed and maintained.
- 13. Adopting the device, the system can operate at 105°C. The device can be used in a wide range of environments.
- 14. Compliance with 2002/95 / EC, RoHS, and other international standards.
- 15. Equipment with CD-ROM, and other accessories are provided.
- 16. CE, ROHS, and other certifications are obtained.

Technical Specifications

I-P-SMART2-40A / 50A / 60A -series		40A	50A	60A
MPPT	3			
DC Input	12V / 24V / 48V			
DC Output	12V, 24V, 48V system	DC9V, DC15V, DC18V, DC30V, DC36V, DC60V		
Response Time	12V / 24V / 48V system	≤10S		
Hold-up Time	12V / 24V / 48V system	500US		
Efficiency	12V / 24V / 48V system	≥96.5%	≤99%	
PV Protection	12V / 24V / 48V system	≥99%		
MPPT Voltage	12V, 24V, 48V	DC18V, DC150V		
MPPT Current	24V, 48V	DC34, DC150V		
MPPT Power	48V	DC65, DC150V		
MPPT Efficiency	12V, 24V, 48V	DC16V, DC30V, DC60V		
MPPT Accuracy	12V, 24V, 48V	DC22V, DC34V, DC65V		
MPPT Voltage	12V / 24V / 48V	DC160V		
MPPT Current	12V / 24V / 48V	DC150		
MPPT Power	12V / 24V / 48V	DC145V		
MPPT Efficiency	12V, 24V, 48V	570W, 700W, 900W		
MPPT Accuracy	24V, 48V	1130W, 1400W, 1700W		
MPPT Power	48V	2270W, 2800W, 3400W		
MPPT Voltage	12V / 24V / 48V			
MPPT Current	12V / 24V / 48V			
MPPT Power	12V / 24V / 48V			
MPPT Accuracy	12V, 24V, 48V	14.6V, 29.2V, 58.4V		
MPPT Voltage	12V / 24V / 48V	40A, 50A, 60A		
MPPT Current	12V / 24V / 48V	44A, 55A, 66A		
MPPT Power	12V / 24V / 48V	40A, 50A, 60A		
MPPT Accuracy	12V / 24V / 48V	±0.02°C		
MPPT Voltage	12V / 24V / 48V	14.2V-25°C* 0.3		
MPPT Current	12V / 24V / 48V	200mV		
MPPT Power	12V / 24V / 48V	≤±1.5%		
MPPT Accuracy	12V / 24V / 48V	200mV		
MPPT Voltage	12V / 24V / 48V	≤±1.5%		
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MPPT



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- 3.2 7-15
- 3.3 25

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EMS DHL Express 4.1

4.2

4.3

5 OEM ODM

5.1 OEM ODM