

12V / 24V / 48V MPPT 60a





PV+ PV-



BAT TEMP



LAN RS232



BAT(+) BAT(-)



+ LOAD -



MPPT

- 1. 95%-99%
- 2. 3000W
- 3. IP
- 4. DC
- 5. 100%

MPPT

- 1. MPPT 99%
- 2. 12V / 24V / 48V
- 3. max PV 3000W DC150V
- 4.
- 5.
- 6. Charge 3. It
- 7. Discharge / OFF PV + ON
- 8. Recommended NiCd

9. Most LCD LED

10. RS232 LAN IP area. And

11

12. With

13. Adopting 105°C. The

10

14. Compliance 2002/95 / EC

15. Equipment + CD-ROM + +

+ +

16. CE ROHS

MPPT

P-SMART2-40A / 50A / 60A -series		40A	50A	60A
MPPT	3 MPPT			
DC Input	DC12V / 24V / 48V			
DC Output	12V / 24V / 48Vsystem	DC9V / DC15V		
		DC18V / DC30V		
		DC36V / DC60V		
Efficiency	12V / 24V / 48Vsystem	≤10S		
Response Time	12V / 24V / 48Vsystem	500US		
Accuracy	12V / 24V / 48Vsystem	≥96.5% ≤99%		
PV Protection	12V / 24V / 48Vsystem	≥99%		
MPPT Voltage	12V / 24V / 48V	DC18V / DC150V		
		DC34V / DC150V		
		DC65V / DC150V		
MPPT Voltage	12V / 24V / 48V	DC16V		
		DC30V		
		DC60V		
MPPT Voltage	12V / 24V / 48V	DC22V		
		DC34V		
		DC65V		
DC Output	12V / 24V / 48V	DC160V		
MPPT Voltage	12V / 24V / 48V	DC150		
MPPT Voltage	12V / 24V / 48V	DC145V		
MPPT Power	12V / 24V / 48V	570W	700W	900W
		1130W	1400W	1700W
		2270W	2800W	3400W
MPPT	12V / 24V / 48V	NiCd		
MPPT	12V / 24V / 48V			
MPPT	12V / 24V / 48V			
MPPT Voltage	12V / 24V / 48V	14.6V		
		29.2V		
		58.4V		
MPPT Current	12V / 24V / 48V	40A	50A	60A
MPPT Current	12V / 24V / 48V	44A	55A	66A
MPPT Current	12V / 24V / 48V	40A	50A	60A
MPPT	12V / 24V / 48V	±0.02%/°C		
MPPT	12V / 24V / 48V	14.2V-25°C* 0.3		
MPPT	12V / 24V / 48V	200mV		
MPPT	12V / 24V / 48V	≤±1.5%		

電圧変動許容範囲	12V / 24V / 48V 電圧	200mV
電圧変動	12V / 24V / 48V 電圧	±1.5%
電圧		
LAN	LAN	
電圧	12V / 24V / 48V 電圧	40A
電圧	12V / 24V / 48V 電圧	30A * 2
電圧	12V / 24V / 48V 電圧	
ON / OFF	12V / 24V / 48V 電圧	ON / OFF
PV	12V / 24V / 48V 電圧	PV
PV	12V / 24V / 48V 電圧	PV
電圧	12V / 24V / 48V 電圧	10.5
RS232	12V / 24V / 48V 電圧	COM
LAN	12V / 24V / 48V 電圧	IP
電圧		
電圧		
電圧		
電圧		
電圧		
電圧		
電圧		95°C
電圧		85°C
電圧		3A
電圧		≤40dB
電圧		
電圧		105°C
電圧		
電圧		2002/95 / EC
電圧		
電圧		270 * 185 * 90
N.G		3
G.N		3.6
電圧		
電圧		CE, RoHS, PSE, FCC
EMC		EN61000
電圧		IP21
電圧		
電圧		90%RH
電圧		3000
電圧		-20°C ~ +40°C
電圧		-40°C ~ +75°C
電圧		70 ~ 106kPa

OEM ODM

NO

NO		
1	1	
2	2 PC	
3	2 PC	Gallow
4	4	
5	1	RJ45 232
6	1	
7	1	
8	2 PC	

SolarEagleLogo
System(S) Control(C) Statistics(T) Language(L) Help(H)

Guest Monitored device: --- Device mode: ---

I-Panda®

Devices

Overview **Parameters setting** Real-time control

Battery type: Vented
 Buck charge voltage: Vented
 Max. charge current: Sealed
 (Dropdown menu: Sealed, Nicd, Customer)

Float charge voltage: 10

Load control type: Time Ctrl
 Morning load on time: 10:40
 Morning load off time: 10:40
 Night load on time: 10:40
 Night load off time: 10:40

Load on PV voltage: 0
 Load off PV voltage: 0
 Load delay time(hour): 1
 Load off battery voltage: 10

SolarEagle

System(S) Control(C) Statistics(T) Language(L) Help(H)

Devices

Overview Par

COM Settings

COM

COM

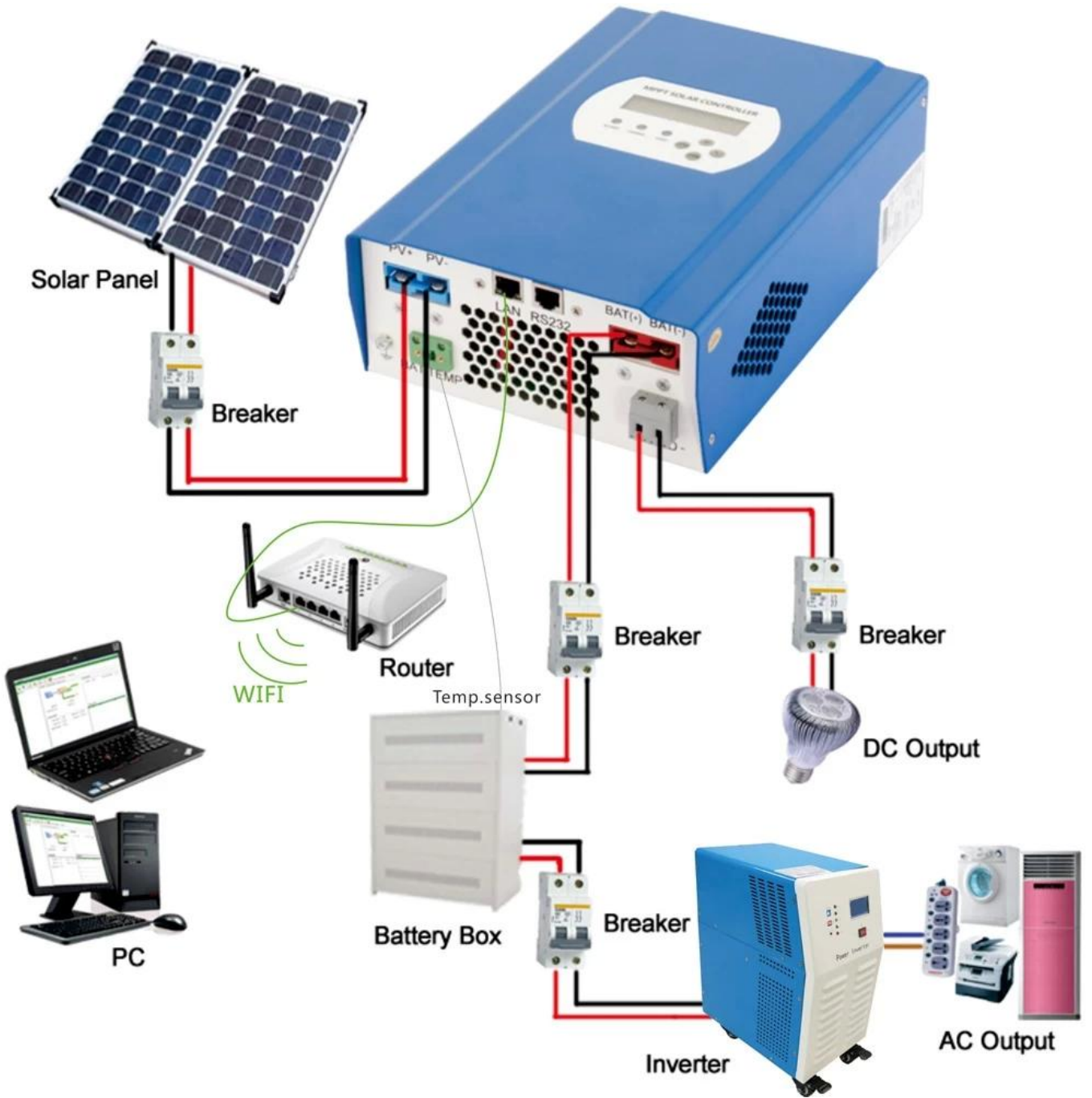
Com. port:
 Max. connected number: 1
 Baud rate: 9600
 Data Bit: 8
 Parity: NONE
 Stop Bit: 1

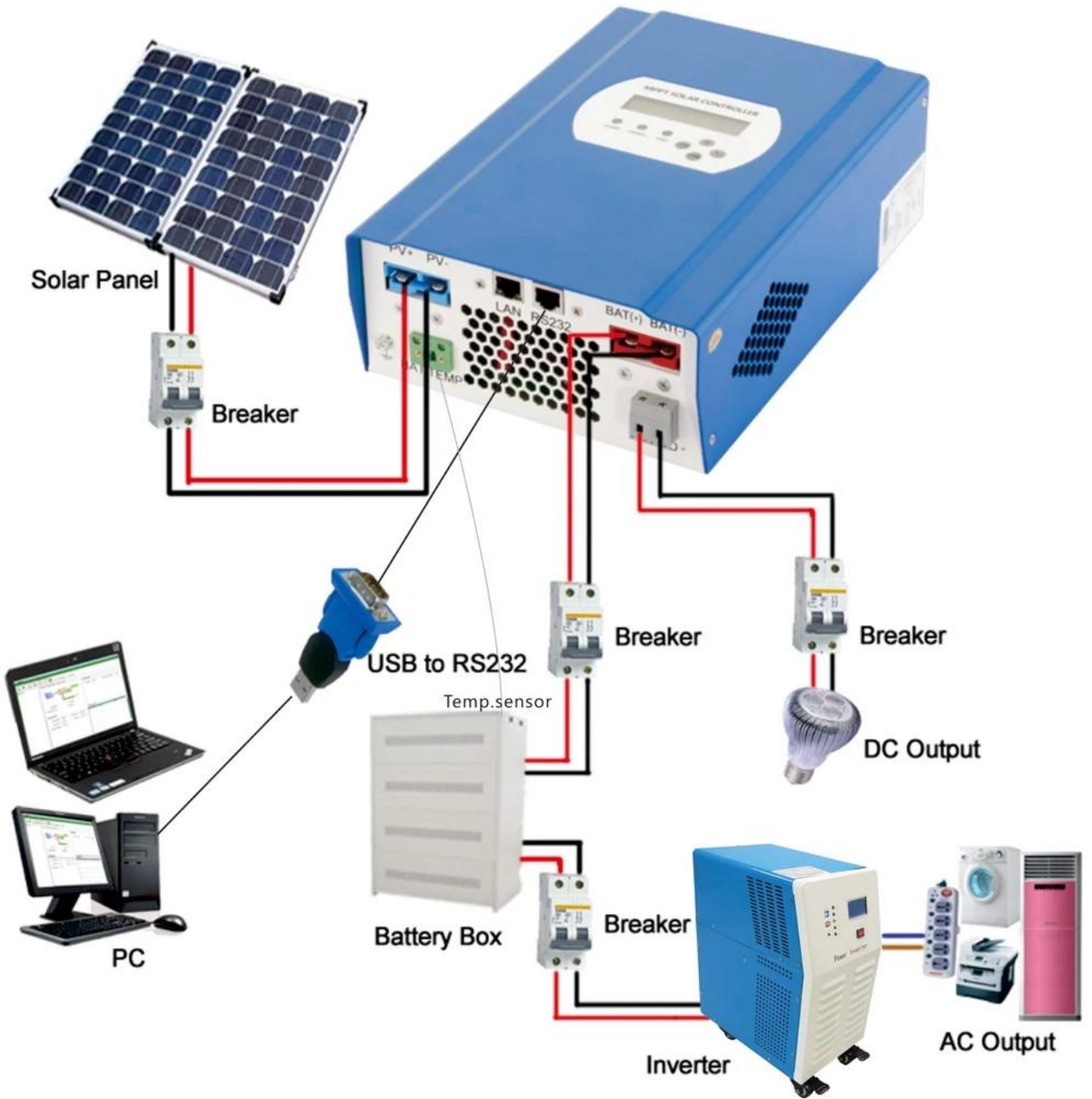
TCP/IP

TCP/IP

IP: 192.168.1.2
 Port: 8888
 Max. connected number: 1

MPPT□□





R&D; D

R&D; D

1

1.1

2

2.1

2.2

2.3

3

3.1

3.2

4

EMS DHL Express 4.1

4.2

4.3