

Table 1

Table 1. MPPT Maximum Power Point Tracking Efficiency. The table lists efficiency values for 1 MPPT, 99 MPPT, and 30 MPPT. The efficiency for 1 MPPT is approximately 99.99%, for 99 MPPT it is 99.9999%, and for 30 MPPT it is 99.999999%. The table also includes a column for 'Efficiency (%)' and a column for 'Loss (%)'.

Table 1

1. MPPT Maximum Power Point Tracking Efficiency: 99.99% (1 MPPT), 99.9999% (99 MPPT), 99.999999% (30 MPPT)
2. With Maximum Power Point Tracking Efficiency: 99.99% (1 MPPT), 99.9999% (99 MPPT), 99.999999% (30 MPPT)
3. Compliance with IEC 61730 / EN 60597: 2002/95 / EC
4. Compliance with IEC 61730 / EN 60597: 2002/95 / EC
5. Adopting Maximum Power Point Tracking Efficiency: 99.99% (1 MPPT), 99.9999% (99 MPPT), 99.999999% (30 MPPT)
6. Charge Controller Efficiency: 99.99% (1 MPPT), 99.9999% (99 MPPT), 99.999999% (30 MPPT)
7. 12V / 24V / 48V / 96V: 12V, 24V, 48V, 96V
8. 12V / 24V / 48V: 12V, 24V, 48V
9. Connected: 12V, 24V, 48V, 96V
10. LCD LED: PV, customers' company
11. Port: RS232
12. PC: 7, 12
13. LAN: LAN
14. Equipment: + CD-ROM + + + + +
15. CE ROHS FCC PSE approved. The
16. 2 3 10



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□□□□-P-MS-C-DC12V / 24V / 48V / 96V□□□□		20A	30A
□□□□□□	□□□□□□□□		
□□	3□□□□□□□□□□MPPT□□□□□□□□□□		
□□□□□□□□	DC12V / 24V / 48V / 96V	□□□□	
	12V□□□□	DC9V□DC15V	
	24V□□□□	DC18V□DC30V	
□□□□	48Vsystem	DC36V□DC60V	
	96Vsystem	DC72V□DC120V	
□□□□□□□□□□	12V / 24V / 48V / 96V	≤10S	
□□□□□□□□	12V / 24V / 48V / 96V	500US	
□□□□	12V / 24V / 48V / 96V	≥96.5□□≤99□	
PV□□□□□□□□□□	12V / 24V / 48V / 96V	≥99□	
□□□□			
	12V□□□□	DC18V□DC150V	
	24V□□□□	DC34□DC150V	
MPPT□□□□□□□□□□	48V□□□□	DC65□DC150V	
	96Vsystem	DC125□DC300V	
	12V□□□□	DC16V	
	24V□□□□	DC30V	
□□□□□□□□□□	48V□□□□	DC60V	
	96Vsystem	DC120V	

	12V	DC22V	
	24V	DC34V	
	48V	DC65V	
	96Vsystem	DC125V	
DC	12V / 24V / 48V	DC160V	
	96Vsystem	DC300V	
	12V / 24V / 48V	DC150	
	96Vsystem	DC300V	
	12V / 24V / 48V	DC145V	
	96Vsystem	DC295V	
PV	12V	280W	450W
	24V	560W	850W
	48V	1120W	1700W
	96Vsystem	2240W	3400W
電圧			
GEL	12V / 24V / 48V / 96Vsystem		
	12V / 24V / 48V / 96Vsystem		
	12V / 24V / 48V / 96Vsystem		
	12V	14.6V	
	24V	29.2V	
	48V	58.4V	
	96V	116.8V	
	12V / 24V / 48V / 96Vsystem	20A	30A
	12V / 24V / 48V / 96Vsystem	25A	35A
	12V / 24V / 48V / 96Vsystem	±0.02%/°C	
	12V / 24V / 48V / 96Vsystem	14.2V-25°C* 0.3	
	12V / 24V / 48V / 96Vsystem	200mV	
	12V / 24V / 48V / 96Vsystem	≤±1.5%	
電圧			
LCD	LCD		
LED	3LED		
PC	RS232 LAN		
電圧			
	≤40dB		
	EU		
	105°C		
	2002/95 / EC		
電圧			
DxWxH	270 * 185 * 90		
N.G	3		
G.N	3.6		
EMC	EN61000		
	IP21		
電圧			
	90RH		
	3000		

□□□□	-20°C□+ 40°C
□□□□	-40°C□+ 75°C
□□□	70□106kPa□□□□□

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 □□□□OEM□ODM service.The 36V / 72V / 96V□□□□□□□□□□□□□□□□□□□□□□□□

□□□



PC□□□□□□□□□□□□□□□□□□□□□□

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

Guest Monitored device: COM1[01]_1234567890123456 Device mode: Constant voltage charging **I-Panda**

Devices
 COM1[01]_1234567890123456

Overview Parameters setting Real-time control

DC/DC

Battery type: Gel Model name: IPANDA-MPPT-60A
 Main firmware version: 1.0

Input information

PV voltage: 105.1 V Environment temperature: 38.0 °C

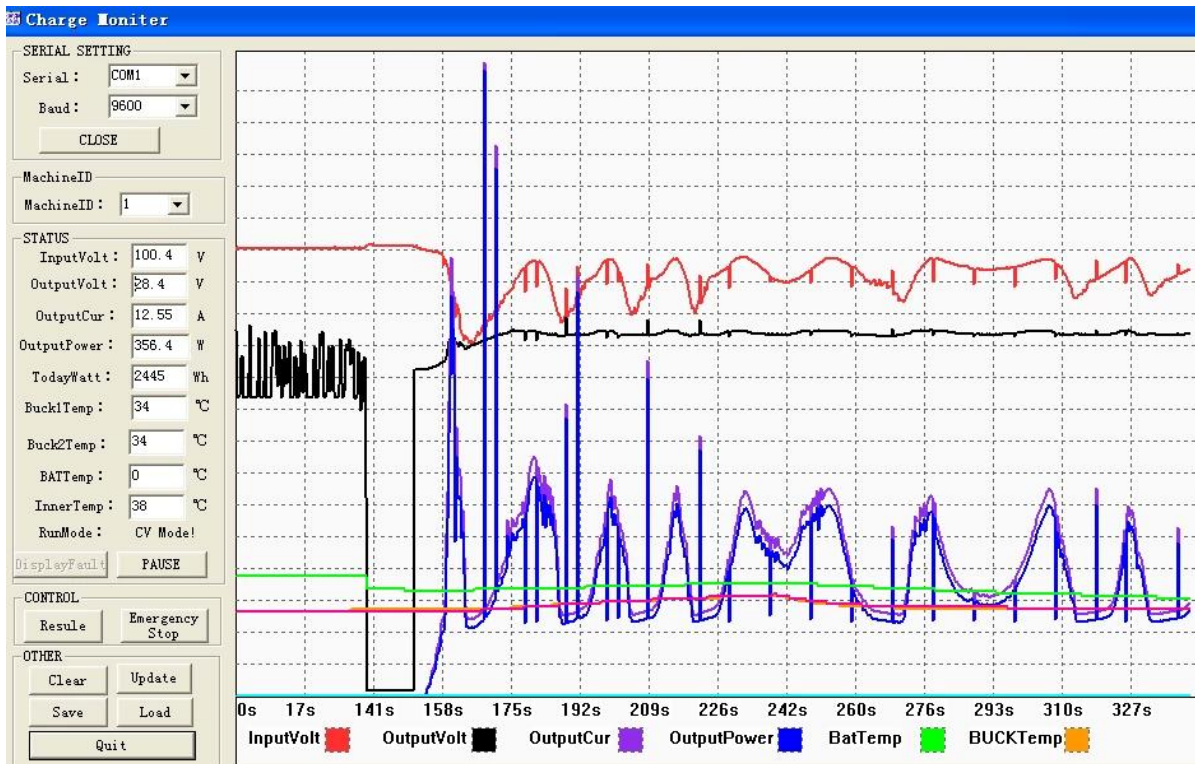
Output information

Output voltage: 27.1 V Output power: 0.0 W
 Output current: 0.0 A Total power: 3.9 kWh
 Battery temperature: 0.0 °C

Real-time events

ID	Level	Time	Event
3001	Messa...	2011-11-05 15:20:...	Communication restore
3002	Messa...	2011-11-05 15:20:...	Communication lost
3001	Messa...	2011-11-05 15:20:...	Communication restore

□□□PC Firmware



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1. □□□□□□□□□□□□□□□□□□□□□□□□□□□□
2. □□□□□□□□□□□□□□□□□□□□□□□□□□□□
3. □□□□□□
4. □□□□□□□□□□□□

I-□□□□□□□□□□ MPPT□□□□□□□□□□□□□□□□□□□□ Smart1 48V 40A

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