







13. Adopting 105°C. The  
 10  
 2002/95 / EC  
 14. Compliance  
 15. Equipment + CD-ROM + + +  
 +  
 16. CE ROHS

MODEL I-P-SMART2-20A / 25A / 30A - SERIES		20A	25A	30A
MPPT		12V 24V 48V	DC18V DC34V DC65V	DC150V DC150V DC150V
Output Voltage		12V 24V 48V	DC16V DC30V DC60V	
Output Current		12V 24V 48V	DC22V DC34V DC65V	
Output Power		12V 24V 48V	DC160V DC150 DC145V	
PV		12V 24V 48V	286W 572W 1144W	357W 715W 1430W
				429W 858W 1716W
Battery		NiCd		
Battery Voltage		DC10V DC15V 12V		
Battery Current		12V / 24V / 48V SYS		
Battery Capacity		12V / 24V / 48V SYS		
Battery Type		20A	25A	30A
Battery Temperature		25A	30A	35A
Battery Accuracy		±0.02%/°C		
Battery Voltage Accuracy		14.2V-25°C* 0.3		
Battery Current Accuracy		200mV		
Battery Voltage Accuracy		≤±1.5%		
Battery Current Accuracy		200mV		
Battery Voltage Accuracy		≤±1.5%		
DISCHARGE				
LAN		LAN		
Output Power		30A		
Output Power		420W	840W	1680W
Output Current		40A*2		
ON / OFF		ON / OFF		
PV		PV		
PV		PV		
COM		10.5		
COM				
RS232		COM		

LAN	IP/TCP
<b>PROTECTIONS</b>	
Protection	IP/TCP
Protection	95°C
Protection	85°C 3A
<b>EMC</b>	
EMC	≤40dB
EMC	EMC/RFCE
EMC	EN61000
EMC	IP21
<b>PHYSICAL</b>	
DxWxH (MM)	270 * 185 * 90
N.G (kg)	2.1
G.N (kg)	2.4
	CE/RoHS/PSE/FCC
EMC	EN61000
Protection	IP21
<b>ENVIRONMENT</b>	
Humidity	0-90% RH
Humidity	0-3000
Temp	-20°C + 40°C
Temp	-40°C + 75°C
Temp	70-106kPa

OEM/ODM 36V / 72V / 96V

NO

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



Blue



Green



Upper Computer



Package

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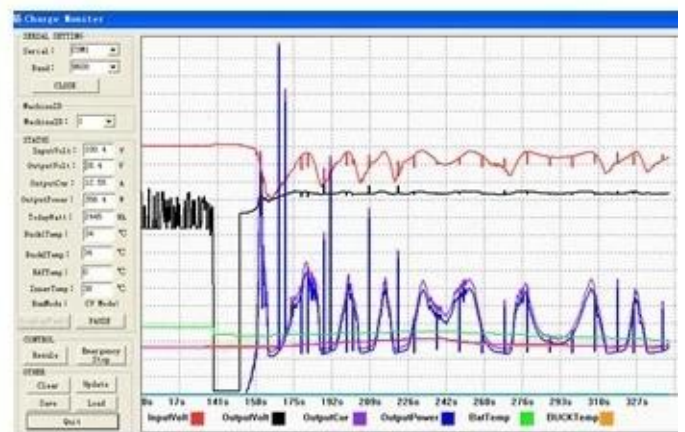
The interface of upper computer software working state



The interface of upper computer software parameter setting state



Upper computer software on/off interface and generating capacity record clean interface



The interface of test software working state

MPPT□□□



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- [ISO2008](#)
- [ISO2004](#)
- [CE](#)
- [FCC](#)
- [ROHS](#)

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1.2□□□□□□□□□□□□□□

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3.□□□□□□

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3.2□□□□□□7-15□□□□□□□□□□□□□□□□□□□□□□□□

3.3 25

4.

EMS DHL Express 4.1

4.2

4.3

**5. OEM ODM**

5.1 OEM ODM