





- 1. MPPT Efficiency > 99%
- 2. 12V / 24V / 48V
- 3. max PV 300W DC150V
- 4. 40A
- 5. MPPT Technology
- 6. Charge Efficiency > 99%
- 7. Discharge Efficiency ON / OFF
- 8. Recommended NiCd
- 9. Most LCD LED PV
- 10. RS232 LAN IP area. And
- 11. 11
- 12. With
- 13. Adopting 105°C. The 10
- 14. Compliance 2002/95 / EC
- 15. Equipment + CD-ROM + + + ;
- 16. CE ROHS

Technical Specifications

MODEL	I-P-SMART2-20A / 25A / 30A -	20A	25A	30A
SERIES				
Efficiency		> 99%		
Voltage		12V 24V 48V		
Power		≤10S		
Response Time		500US		
Efficiency		≥96.5% ≤99%		
PV Power		≥99%		
Temperature				

MPPT	12V	DC18V	DC150V	
	24V	DC34V	DC150V	
	48V	DC65V	DC150V	
	12V	DC16V		
	24V	DC30V		
	48V	DC60V		
	12V	DC22V		
	24V	DC34V		
	48V	DC65V		
DC		DC160V		
		DC150		
		DC145V		
PV	12V	286W	357W	429W
	24V	572W	715W	858W
	48V	1144W	1430W	1716W
<p>NiCd</p> <p>DC10V DC15V / 12V</p> <p>12V / 24V / 48V SYS</p> <p>12V / 24V / 48V SYS</p> <p>20A 25A 30A</p> <p>25A 30A 35A</p> <p>±0.02/°C</p> <p>14.2V-25°C* 0.3</p> <p>200mV</p> <p>≤±1.5</p> <p>200mV</p> <p>≤±1.5</p> <p>LAN</p> <p>30A</p> <p>420W 840W 1680W</p> <p>40A*2</p> <p>ON / OFF ON</p> <p>ON / OFF</p> <p>PV</p> <p>PV/PV</p> <p>PV</p> <p>10.5 1</p> <p>COM</p> <p>RS232</p> <p>LAN</p> <p>IP TCP</p> <p>95°C</p> <p>85°C 3A</p> <p>≤40dB</p> <p>EU 105°C</p> <p>substances.All 2002/95 / EC</p> <p>PHYSICAL</p> <p>DxWxH mm 270 * 185 * 90</p> <p>N.G kg 2.1</p> <p>G.N kg 2.4</p> <p>CE RoHS PSE FCC</p> <p>EMC EN61000</p> <p>IP21</p>				



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□□□

1.2□□□□□□□□□□□□□□

2□□□□□

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2.3□□□

3□□□□□□□

3.1□□□□□□□5-7□□□□□□□□□□□□□□□□□□

3.2□□□□□□□7-15□□□□□□□□□□□□□□□□□□

3.3□□□□□□□□□25□□□□□□□□□□□□□□□□□□

4□□□

EMS DHL Express 4.1

4.2

4.3

5 OEM ODM

5.1 OEM ODM