



□□□□□□

□□□□-P-SMART1-DC12V / 24V / 48V□□□□		40A
□□□□□□	□□□□□□	
□□	3□□□□□□□□□□MPPT□□□□□□□□□□	
□□□□□□□□	DC12V / 24V / 48V	□□□□
□□□□	12V□□□□	DC9V□□DC15V
	24V□□□□	DC18V□□DC30V
	48Vsystem	DC36V□□DC60V
□□□□□□□□□□	12V / 24V / 48Vsystem	≤10S
□□□□	12V / 24V / 48Vsystem	500US
□□□□	12V / 24V / 48Vsystem	≥96.5□□≤99□
PV□□□□□□□□□□	12V / 24V / 48Vsystem	≥99□
□□□□		
MPPT□□□□□□□□□□	12V□□□□	DC18V□□DC150V
	24V□□□□	DC34□□DC150V
	48V□□□□	DC65□□DC150V
□□□□□□□□□□	12V□□□□	DC16V
	24V□□□□	DC30V
	48V□□□□	DC60V
□□□□□□□□□□	12V□□□□	DC22V
	24V□□□□	DC34V
	48V□□□□	DC65V
□□DC□□	12V / 24V / 48V□□□□	DC160V
□□□□□□□□□□	12V / 24V / 48V□□□□	DC150V
□□□□□□□□□□	12V / 24V / 48V□□□□	DC145V


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



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

Charge Monitor

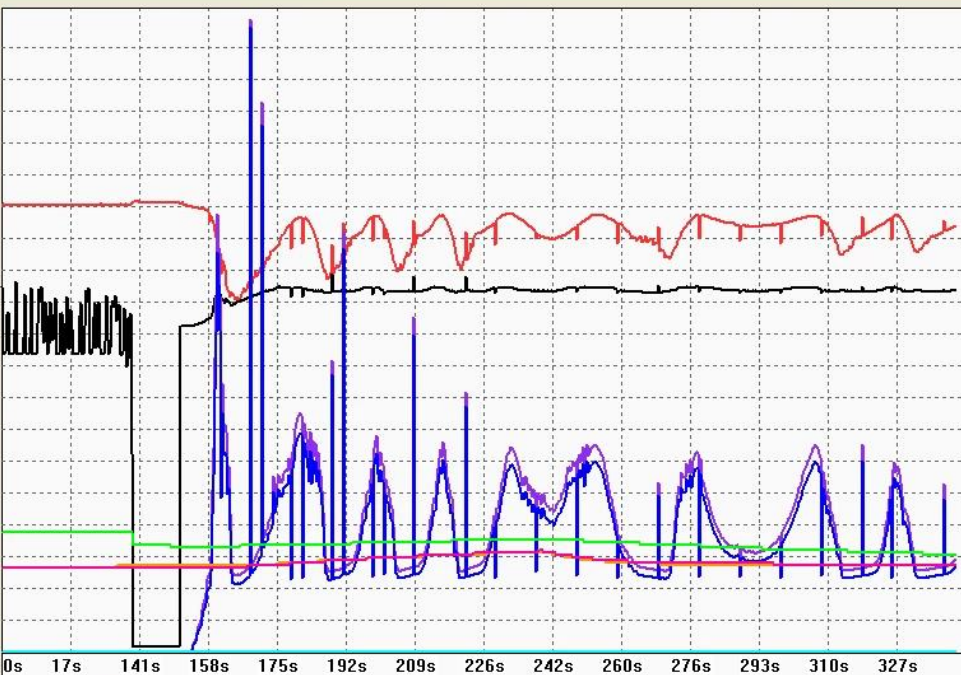
SERIAL SETTING
Serial: COM1 Baud: 9600
CLOSE

MachineID
MachineID: 1

STATUS
InputVolt: 100.4 V
OutputVolt: 28.4 V
OutputCur: 12.55 A
OutputPower: 356.4 W
TodayWatt: 2445 Wh
Buck1Temp: 34 °C
Buck2Temp: 34 °C
BATTemp: 0 °C
InnerTemp: 38 °C
RunMode: CV Mode!

CONTROL
Resume Emergency Stop

OTHER
Clear Update
Save Load
Quit



0s 17s 141s 158s 175s 192s 209s 226s 242s 260s 276s 293s 310s 327s

InputVolt OutputVolt OutputCur OutputPower BatTemp BUCKTemp

□□□□□□□□□□

I-□□□□□□□□□□ MPPT□□□□□□□□□□□□□□ Smart1 48V 40A□60A

□□□

LN
FCC VERIFICATION OF CONFORMITY

Certificate Number: CHIN2014000001

The licensee certifies the following description:
MPPT SOLAR CHARGER CONTROLLER
Trade Name: LPANDA
MODEL NUMBER:
SMART 20A, SMART10A, SMART 15A, SMART 20A, SMART 25A,
SMART 30A, SMART 35A, SMART 40A, SMART 50A

This device complies with Part 15 of the FCC Rules, Section 15.107, Subpart B, in addition to the following test methods:
1. The device may not cause harmful interference, and
2. The device must accept any interference received, including interference that may cause undesired operation.

This declaration is the responsibility of the manufacturer/producer:
Shenzhen I-Panda New Energy Technology & Science Co., Ltd.
Block H, Juyin Technology Industrial Park, Bui St., Longgang Dist., Shenzhen, Guangdong, China.

FCC

LN

Small text at the bottom: Model Number, Date of Issue, Valid until, Revision, Original Certificate Date, and QR code.

LN
Certificate of Compliance

Certificate Number: CHIN2014000001

Applicant: Shenzhen I-Panda New Energy Technology & Science Co., Ltd.
Block H, Juyin Technology Industrial Park, Bui Street, Longgang District, Shenzhen, China.

Manufacturer: Shenzhen I-Panda New Energy Technology & Science Co., Ltd.
Block H, Juyin Technology Industrial Park, Bui Street, Longgang District, Shenzhen, China.

Product: MPPT SOLAR CHARGER CONTROLLER

Trade Name: LPANDA

Model Number: SMART 20A, SMART10A, SMART 15A, SMART 20A, SMART 25A, SMART 30A, SMART 35A, SMART 40A, SMART 50A

Test Report No.: CHIN2014000001

The EUT described above has been tested to comply with the standard EN 55022:2005 (EN 55022:2005 + A1:2006) and EN 55024:2010.

The EUT described above has been tested to comply with the standard EN 61000-3-2:2006 (EN 61000-3-2:2006) and EN 61000-3-3:2004 (EN 61000-3-3:2004).

LN **CE**

Small text at the bottom: Model Number, Date of Issue, Valid until, Revision, Original Certificate Date, and QR code.

LN
Certificate of Compliance

Certificate Number: CHIN2014000001

Applicant: Shenzhen I-Panda New Energy Technology & Science Co., Ltd.
Block H, Juyin Technology Industrial Park, Bui Street, Longgang District, Shenzhen, China.

Manufacturer: Shenzhen I-Panda New Energy Technology & Science Co., Ltd.
Block H, Juyin Technology Industrial Park, Bui Street, Longgang District, Shenzhen, China.

Product: MPPT SOLAR CHARGER CONTROLLER

Trade Name: LPANDA

Model Number: SMART 20A, SMART10A, SMART 15A, SMART 20A, SMART 25A, SMART 30A, SMART 35A, SMART 40A, SMART 50A

Test Report No.: CHIN2014000001

The EUT described above has been tested to comply with the standard EN 60950-1:2006 (EN 60950-1:2006) and EN 60950-2:2006 (EN 60950-2:2006).

LN **RoHS**

Small text at the bottom: Model Number, Date of Issue, Valid until, Revision, Original Certificate Date, and QR code.

MS CERT

Certificate Of Registration
ENVIRONMENTAL MANAGEMENT SYSTEM

This is to certify that the Environmental Management System of
SHENZHEN I-PANDA NEW ENERGY TECHNOLOGY & SCIENCE CO., LTD.

Address:
Block H, Juyin Technology Industrial Park, Bui St., Longgang Dist., Shenzhen, Guangdong, China

has been assessed and found to comply with the requirements of
ISO 14001:2004
(Environmental Management System)

Scope of Certification:
Design, Production and Sales of Power Inverter, Solar Controller, Solar Generator System and UPS.

Issue Code: (CNZHC CODE: 2014)
Certificate Number: CHINTRQMS00028
Issue No.: 01

Date of approval: 03.07.2014 Valid until: 03.07.2017
Revision no.: nil Revision date: nil

Original Certificate Date: 03.07.2014

MS CERTIFICATION SERVICES PVT. LTD.
www.ms-certification.net

The Certificate is valid only if the signed Specimen Sheet is signed by holder on Original Version.

MS CERT

Certificate Of Registration
QUALITY MANAGEMENT SYSTEM

This is to Certify that the Quality Management System of
SHENZHEN I-PANDA NEW ENERGY TECHNOLOGY & SCIENCE CO., LTD.

Address:
Block H, Juyin Technology Industrial Park, Bui St., Longgang Dist., Shenzhen, Guangdong, China

has been assessed and found to comply with the requirements of
ISO 9001:2008
(Quality Management System)

Clause Exclusion: 702

Scope of Certification:
Design, Production and Sales of Power Inverter, Solar Controller, Solar Generator System and UPS.

Issue Code: (CNZHC CODE: 2014)
Certificate Number: CHINTRQMS00119
Issue No.: 01

Date of approval: 03.07.2014 Valid until: 03.07.2017
Revision no.: nil Revision date: nil

Original Certificate Date: 03.07.2014

MS CERTIFICATION SERVICES PVT. LTD.
www.ms-certification.net

The Certificate is valid only if the signed Specimen Sheet is signed by holder on Original Version.

□□







□□□□□



中外运敦豪