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| □□□-P-MS-C-DC96V□□ | | 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□ | |
| □□□□□□□□ | 12V / 24V / 48V / 96V | ≥99□ | |
| □□□□ | | | |
| | 12V□□ | DC18V□DC150V | |
| MPPT□□□□□□□□ | 24V□□ | DC34□DC150V | |
| | 48V□□ | DC65□DC150V | |
| | 96Vsystem | DC125□DC300V | |
| | 12V□□ | DC16V | |
| □□□□□□□□ | 24V□□ | DC30V | |
| | 48V□□ | DC60V | |
| | 96Vsystem | DC120V | |

| | | | |
|--|-----------------|--------|-------|
| | 12V | DC22V | |
| | 24V | DC34V | |
| | 48V | DC65V | |
| | 96Vsystem | DC125V | |
| | 12V / 24V / 48V | DC160V | |
| | 96Vsystem | DC300V | |
| | 12V / 24V / 48V | DC150 | |
| | 96Vsystem | DC300V | |
| | 12V / 24V / 48V | DC145V | |
| | 96Vsystem | DC295V | |
| | 12V | 280W | 450W |
| | 24V | 560W | 850W |
| | 48V | 1120W | 1700W |
| | 96Vsystem | 2240W | 3400W |

Power Specifications

| | | | |
|-----------------|-----------------------------|-------------------------------|-----|
| Input Voltage | 12V / 24V / 48V / 96Vsystem | Input Current | |
| Output Voltage | 12V / 24V / 48V / 96Vsystem | Output Current | |
| Output Voltage | 12V | 14.6V | |
| Output Voltage | 24V | 29.2V | |
| Output Voltage | 48V | 58.4V | |
| Output Voltage | 96V | 116.8V | |
| Output Current | 12V / 24V / 48V / 96Vsystem | 20A | 30A |
| Output Current | 12V / 24V / 48V / 96Vsystem | 25A | 35A |
| Output Accuracy | 12V / 24V / 48V / 96Vsystem | $\pm 0.02\%$ /°C | |
| Output Accuracy | 12V / 24V / 48V / 96Vsystem | 14.2V- $\pm 0.02\%$ 25°C* 0.3 | |
| Output Accuracy | 12V / 24V / 48V / 96Vsystem | 200mV | |
| Output Accuracy | 12V / 24V / 48V / 96Vsystem | $\leq \pm 1.5\%$ | |

Environmental Specifications

| | |
|--------------|-----------|
| Display | LCD |
| LED | 3 LED |
| PC Interface | RS232 LAN |

Environmental Test Specifications

| | |
|-----------------------|--------------|
| Operating Temperature | 0°C ~ 50°C |
| Storage Temperature | -20°C ~ 70°C |
| Humidity | 10% ~ 90% RH |
| Shock | 10g |
| Vibration | 10g |
| Temperature | 95°C |
| Temperature | 85°C |

Electromagnetic Interference (EMI) Specifications

| | |
|--------------------|--------------------|
| Conducted Emission | $\leq 40\text{dB}$ |
| Conducted Immunity | |
| Radiated Emission | |
| Radiated Immunity | |
| ESD | |
| ESD | |
| ESD | |
| ESD | |

Mechanical Specifications

| | |
|--------------------|--------------------|
| Dimensions (DxWxH) | 270 * 185 * 90 |
| N. Pins | 3 |
| G. Pins | 3.6 |
| EMC | CE, ROHS, PSE, FCC |
| EMC | EN61000 |
| Protection Class | IP21 |

Operating Conditions

| | |
|-----------------------|----------------|
| Operating Temperature | 0°C ~ 90°C RH |
| Storage Temperature | 0°C ~ 3000°C |
| Operating Temperature | -20°C ~ + 40°C |

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

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 □□□□OEM□ODM□□□□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

Input information

PV voltage: 105.1 V Environment temperature: 38.0 °C

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

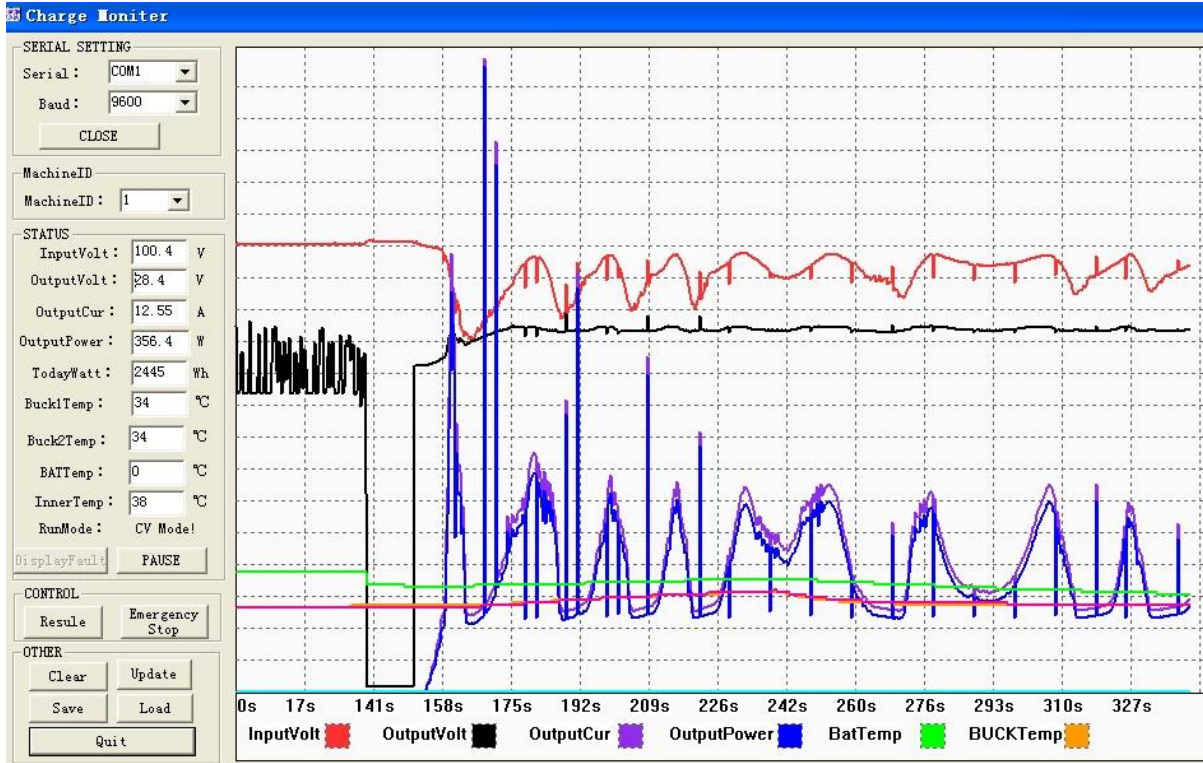
Output information

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. □□□□□□

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