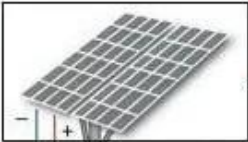


□□□□□□

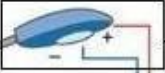
|                                 |                        |              |
|---------------------------------|------------------------|--------------|
| MPPT□□□□□□□□□□□□□□□□            |                        | 15A          |
| I-P-E-SMART-12V / 24V / 48V□□□□ |                        |              |
| □□□□                            | MPPT□□□□□□□□□□         |              |
| □□□□                            | □□□□□□□□MPPT□□□□□□□□□□ |              |
| □□□□□□□□                        | DC12V / 24V / 48V □□□□ |              |
|                                 | 12V□□□□                | DC9V□DC15V   |
| □□□□                            | 24V□□□□                | DC18V□DC30V  |
|                                 | 48V□□□□                | DC36V□DC60V  |
| □□□□□□□□□□                      | 12V / 24V / 48V□□□□    | ≤3S          |
| □□□□□□□□□□                      | 12V / 24V / 48V□□□□    | 500US        |
| MPPT□□                          | 12V / 24V / 48V□□□□    | ≥96.5□□≤99□  |
| □□□□                            |                        |              |
|                                 | 12V□□□□                | DC14V□DC100V |
| MPPT□□□□□□□□□□                  | 24V□□□□                | DC30□DC100V  |
|                                 | 48V□□□□                | DC60□DC100V  |
| □□□□□□                          | 12V□□□□                | DC14V        |
| □□□□□□                          | 24V□□□□                | DC30V        |
|                                 | 48V□□□□                | DC60V        |
| □□□□□□                          | 12V□□□□                | DC18V        |
| □□□□                            | 24V□□□□                | DC34V        |
| □□□□                            | 48V□□□□                | DC65V        |

|                             |                 |                 |
|-----------------------------|-----------------|-----------------|
| DC110V                      | 12V / 24V / 48V |                 |
| DC100V                      | 12V / 24V / 48V |                 |
| 216                         | 12V             |                 |
| 426                         | 24V             |                 |
| 852                         | 48V             |                 |
| <b>CHARGE CHRECTRESTICS</b> |                 |                 |
| NiCd                        | 12V / 24V / 48V |                 |
|                             | 12V / 24V / 48V |                 |
|                             | 12V / 24V / 48V | 15A             |
|                             | 12V / 24V / 48V | 20A             |
|                             | 12V / 24V / 48V | ±0.02/°C        |
|                             | 12V / 24V / 48V | 14.2V-25°C* 0.3 |
|                             | 12V / 24V / 48V | 200mV           |
|                             | 12V / 24V / 48V | ≤±1.5           |
| <b></b>                     |                 |                 |
|                             |                 |                 |
|                             |                 | 10.5V; 11V      |
|                             |                 | 30A             |
|                             |                 | PV              |
| <b></b>                     |                 |                 |
| LED                         |                 |                 |
| LED                         |                 | LOAD            |
| PC                          |                 | RS232           |
| <b></b>                     |                 |                 |
|                             |                 |                 |
|                             |                 |                 |
|                             |                 |                 |
|                             |                 |                 |
|                             |                 |                 |
|                             |                 |                 |
|                             |                 |                 |
|                             |                 | ≤40dB           |
|                             |                 |                 |
|                             |                 | EU              |
|                             |                 | FCC \ ROHS \ CE |
| <b></b>                     |                 |                 |
| DxH                         |                 | 205 * 168 * 60  |
| DxH                         |                 | 265 * 196 * 110 |
| N.G                         |                 | 1.8             |
| G.N                         |                 | 2               |
|                             |                 | IP25            |
| <b></b>                     |                 |                 |
|                             |                 | 0°90°RH         |
|                             |                 | 0°3000          |
|                             |                 | -20°C+ 50°C     |
|                             |                 | -40°C+ 75°C     |
|                             |                 | 70°106kPa       |

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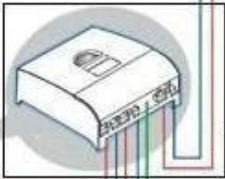
① Solar Cells Module



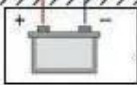
② LED Lighting



Computer-controlled



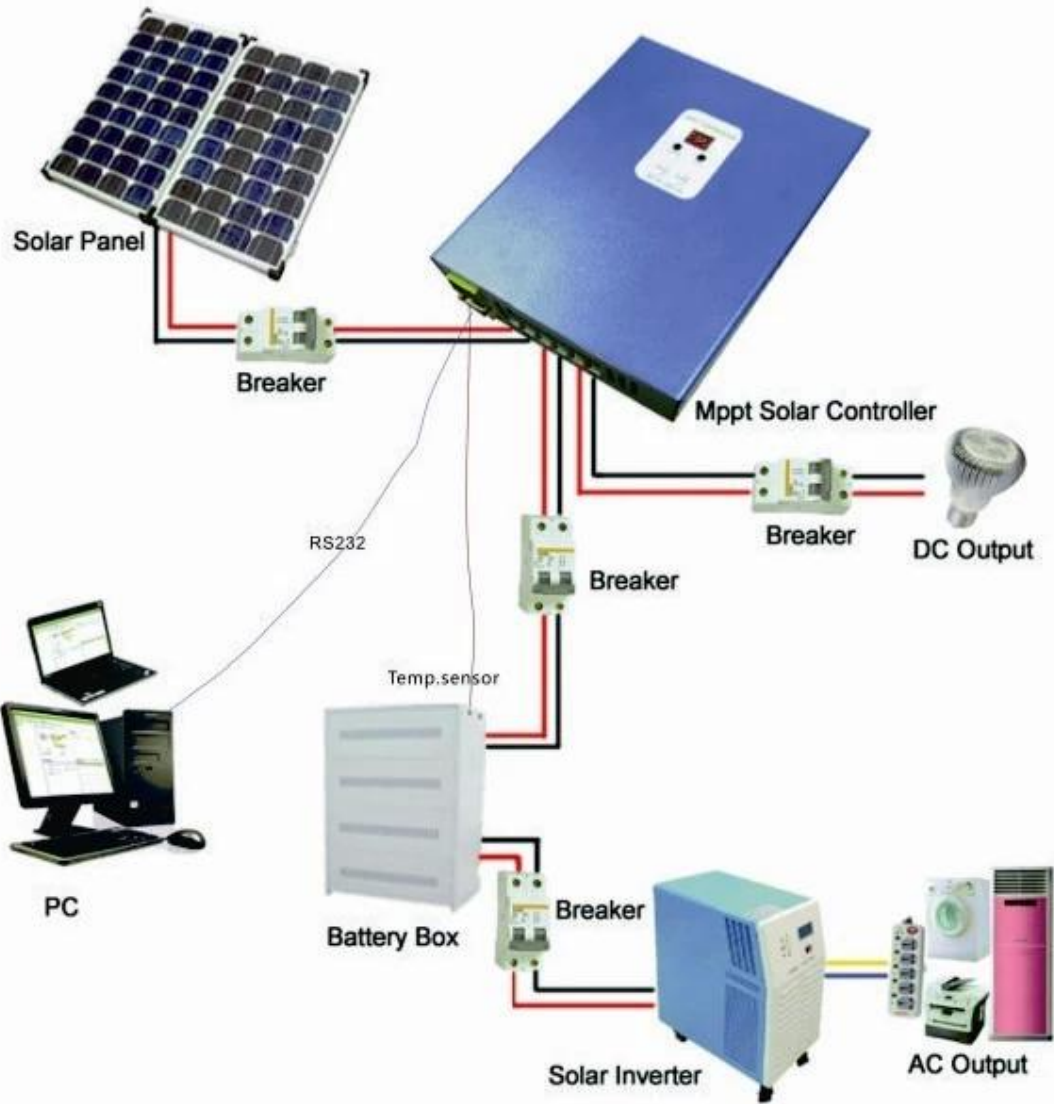
③ Intelligence Controller



④ Lead-acid Battery



# I-P-ESmart-Swries System



The screenshot shows the SolarEagle software interface. The window title is "SolarEagle". The menu bar includes "System(S)", "Control(C)", "Statistics(T)", "Language(L)", and "Help(H)". The interface shows a "Devices" list on the left, and a main area with "Overview", "Parameters setting", and "Real-time control" tabs. A schematic diagram shows a solar panel connected to a DC/DC converter, which is connected to a battery and a light bulb. The "Input information" section shows PV voltage: 0.0 V and Environment temperature: 0.0 °C. The "Charge information" section shows Charge voltage: 0.0 V, Charge power: 0.0 W, Charge current: 0.0 A, Total power: 0.0 Wh, and Battery temperature: 0.0 °C. The "Real-time events" section has a table with columns for ID, Level, Time, and Event.

| ID | Level | Time | Event |
|----|-------|------|-------|
|    |       |      |       |
|    |       |      |       |
|    |       |      |       |
|    |       |      |       |
|    |       |      |       |
|    |       |      |       |
|    |       |      |       |
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|    |       |      |       |
|    |       |      |       |





中外运敦豪



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