



# ESDL series BDI



## Product features

- The characteristics of ten LED bar.
- The ten multicolor LED bar display the state of battery (in order of 5 green, 3 yellow and 2 red LED light).
- When the battery discharge up to 70%, the red LED lights flashing, given the power reserve warning.
- When the battery discharge up to 80%, two red LED lights flashing alternately, given the "power depletion" warning.
- When the battery discharge is up to 80%, the normally closed relay is disconnected to ensure that the battery will not be over discharged.
- Battery false full recognition function.
- Key switch drive LED bar display (as long as the power meter is correctly connected to the battery, LED will display the correct).
- Automatic reset: replacement of the battery reset; battery full power after the automatic reset.
- Considering the characteristics of the battery self-discharge, when the battery is not loaded with a long time, the BDI can also track capacity reduction caused by the battery self discharge intelligently.

## Characteristics of hour meter LCD

- The usage time of hour meter is more than the life of the equipment.
- Can record and display up to 99999.9 hours on the LCD, and can be recycled and continue to calculate display.
- To ensure that the battery is properly connected, LCD can correctly display.
- Can operation and display under the harsh conditions of vibration, shock, humidity, dust in the range of -40°C~-65°C.

Item	Parameter
Precision	±1%
Working temperature	-40°C~-65°C
Humidity	95%RH (non condensing) @38°C
LCD character height	5mm
Interface	Molex 8 pin,39012085

Model	Rated current	Maximum current
12	36	42
24/36	33/60	46/72
24/48	25/63	45/67
36/48	29/48	45/67
72/80	27/30	40/45

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**The jiang Young Energy Technology Co.,Ltd.**

Add:The Science and Technology Park No.1 building,Yanguang  
Industrial Zone No.1 area,Anji,Zhejiang,China.

[www.YoungEnergy.com](http://www.YoungEnergy.com)

**Sales Headquarters**

Tel:86-572-5862668  
Fax:86-572-5862667  
[Yao@youngenergy.com](mailto:Yao@youngenergy.com)  
[Sales@youngenergy.com](mailto:Sales@youngenergy.com)

**Service Center**

Tel:86-572-5856000  
Fax:86-572-5862667  
[Yao@youngenergy.com](mailto:Yao@youngenergy.com)  
[Service@youngenergy.com](mailto:Service@youngenergy.com)