

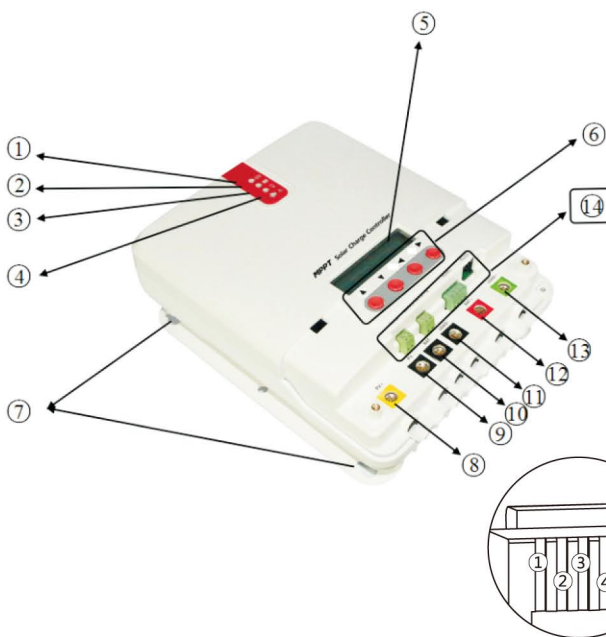
# ML Series MPPT Solar Charge Controller



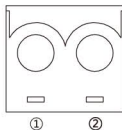
## ML4830

Voltage: 12V/24V/36V/48V  
Current: 30A

ML4830 is our latest MPPT solar charge controller with new appearance design. Different from other kinds of 30A MPPT controller, this new model supports all 12/24/36/48V batteries, more durable and more beautiful. Inbuilt LCD display and RS232/RS485 communication makes it flexible while operation.

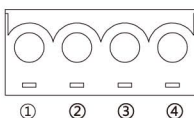


### 15 Battery Sampling



ITEM	DEFINITION
①	-
②	+

### 16 RS485



ITEM	DEFINITION
①	3.3V
②	GND
③	D-
④	D+

### 17 Controller Communication Port RJ12 (6 Pins)



ITEM	DEFINITION
①	Transmit Terminal TX
②	Receive Terminal RX
③	Power Source GND / Signal GND
④	Power Source GND / Signal GND
⑤	Power Source +
⑥	Power Source +

## Solar Charge Controller Appearance and Interface

No.	Name	No.	Name
1	Charging Indicator	10	Battery "-" Interface
2	Battery Indicator	11	Load "-" Interface
3	Load Indicator	12	Battery "+" Interface
4	Abnormality Indicator	13	Load "+" Interface
5	Liquid Crystal Display	14	External Temperature Sampling Interface
6	Operation Button	15	External Battery Voltage Sampling Interface
7	Mounting Hole	16	RS485 Communication Interface
8	Solar Panel "+" Interface	17	RS232 Communication Interface
9	Solar Panel "-" Interface		