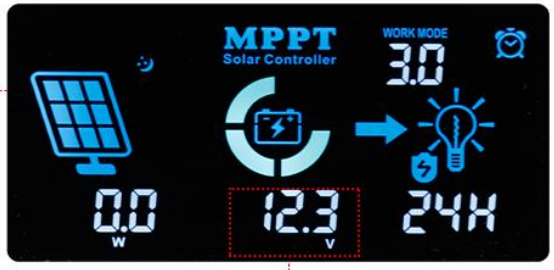


Troubleshooting



COMPARE THESE TWO VALUES



Display Show Battery voltage

Multimeter to read battery terminal voltage



Troubleshooting:

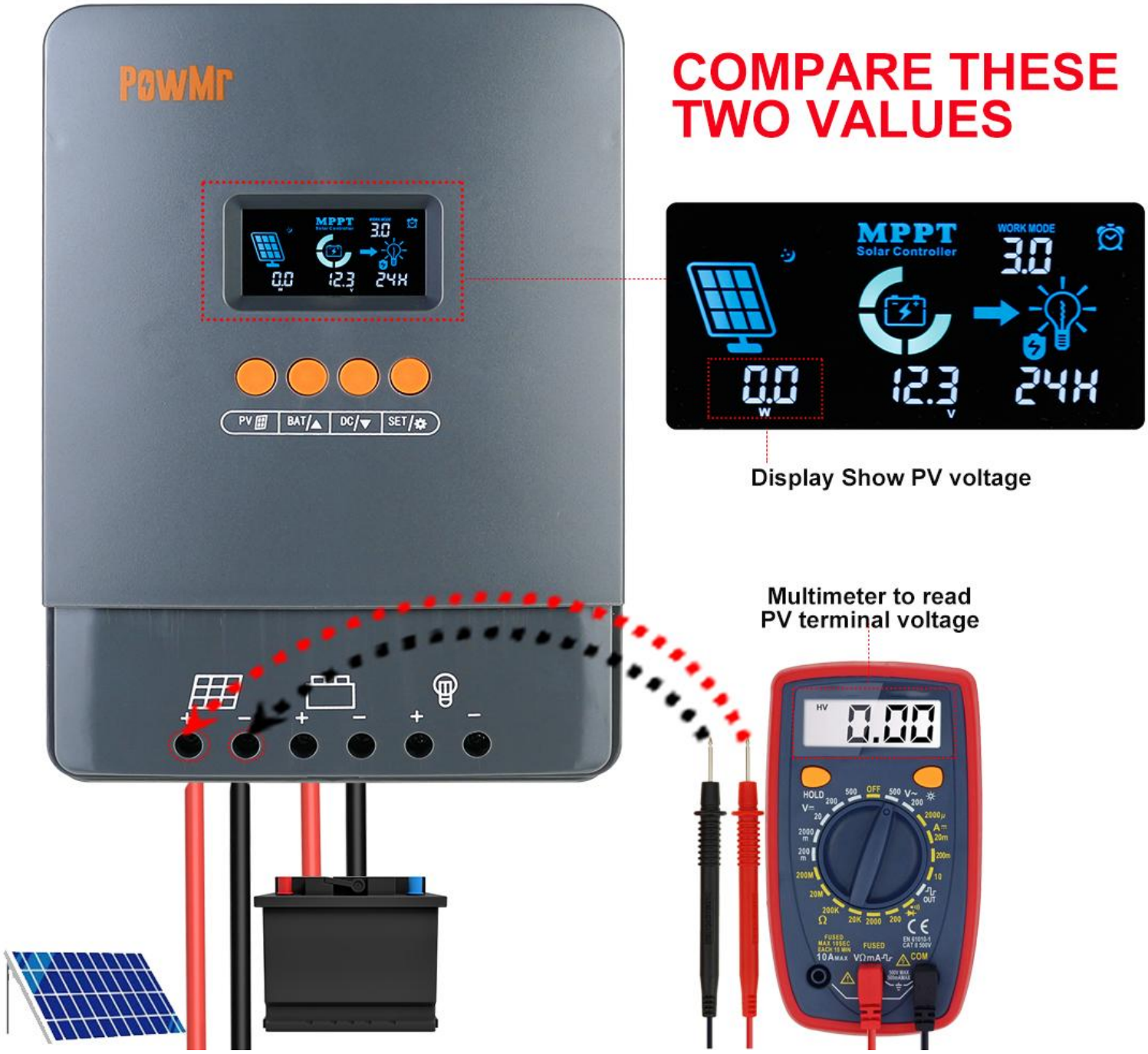
1.LCD NO DISPLAY

2.DOESN'T POWER ON

3. The voltage read by the controller is quite different from the actual voltage of the battery.

4. If two value has large different, please take photo like this picture, and send us for warranty.

Test steps (Troubleshooting 1/2/3)
1. Check if battery's connection is correct and reliable, make sure there is no polarity inversion, "+""-"correct.
2. IF fuse/breaker between battery and controller is good.
3. Check if the battery volage is higher than 9V, If the battery voltage is lower than 8.5V, Charge battery to above 9V or change a new battery with voltage higher than 8.5V and contiune the test.(Controller cannot be powered on if battery voltage is lower than 9V)
Note:
IF multimeter read voltage the same with your battery ture voltage, controller still have these problem, please take photo like this image and email us with your order ID. (Warranty email:aimee@ysolartech.com)



Troubleshooting:

5. Controller NO Charging when battery NOT FULLY CHARGED

Test steps (Troubleshooting 5)
1. Check if the connection is correct and reliable, make sure there is no polarity inversion, "+""-"correct.
2. IF fuse/breaker/Connector between PV and controller is good.
3. Check if PV voltage is in the range VBat+2V< VPV < Range, Make sure your PV input voltage is under our recommend range, donnot exceed the max power and voltage. 4. Check if your PV voltage higher than your battery’ s volage. IF pv lower than battery voltage, it can’ t charge.
Note: IF PV voltage/power, battery voltage is normal but controller still doesn’ t charge, please take photo like this image and email us with your order ID. Tech will work with you. (Warranty email:aimee@ysolartech.com)



WORK MODE

Working Mode	Description
3.0	Night mode, no charging
4.0	MPPT Charge mode
7.0	Absorption Charge mode
8.0	Floating Charge mode
18 (ERROR)	Input PV voltage is low, please Increase the PV voltage
60 (ERROR)	Over temperature protection
63 (ERROR)	Protection-Battery voltage is high, Battery high voltage protection and wait for recovery
65 (ERROR)	Battery voltage is low, Battery over discharge and wait for recovery
71 (ERROR)	Input PV voltage is high, please Decrease the PV voltage
73 (ERROR)	Over charging current, please Decrease the PV power



BAT button

Function 1: Press "Batt/up Button" to view battery's value.

Function 2: when display show Battery type/C-voltage,



(battery type)



(voltage)

1. *Press and hold"* Batt/up Button" until the value flashes
2. Then press "up" "down" button to adjust value
3. Press "SET" to confirm and save.

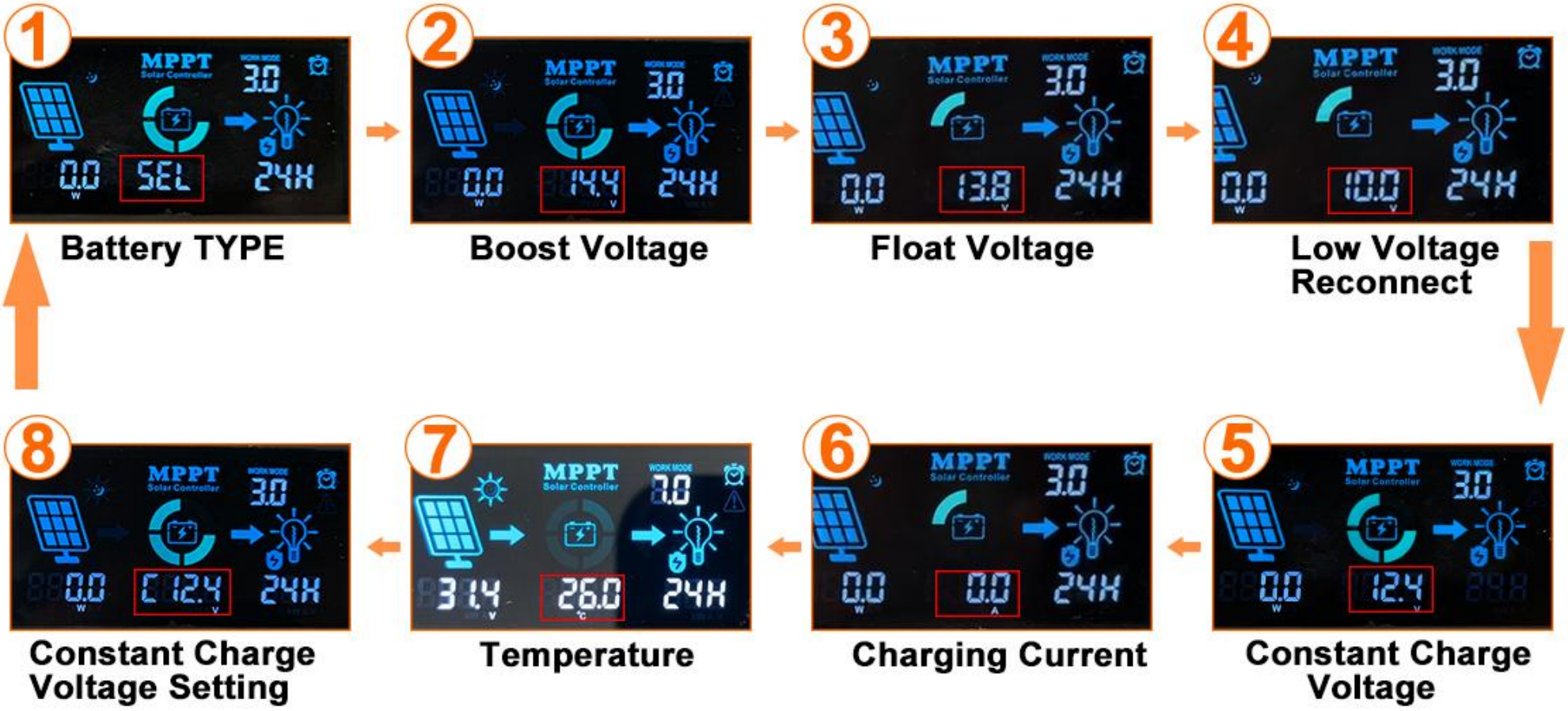


PV button

Press PV to browse PV voltage and PV current/PV Power.

PV button only for view PV value
No setting function.

Cycle interface description



*Taking the default setting as an example, the battery type as first display interface, the other voltage values are displayed in sequence (according to this 1-8 order)

IF need more support or suggestion, please email us with your order ID. A team will work with you.

(Warranty email:aimee@ysolartech.com)