

## TROUBLESHOOTING

NO.	Error code	Description	Cause / Solution
1	100	Excessive differential pressure	/
2	110	Charging overvoltage protection	Disconnect the charger
3	140	Discharge undervoltage protection	Connect the charger
4	150	Discharge over-temperature protection	Waiting for the device to cool down
5	160	Discharge under-temperature protection	Place the product at the right temperature
6	170	Temperature error	Rebooting the device
7	200	Communication abnormalities	Rebooting the device
8	201	Charging communication abnormal	Restart the device
9	410	Undervoltage protection at start-up	Connect the charger
10	411	Under-voltage protection before start-up	Connect the charger
11	420	Activation of over-temperature protection	Waiting for the device to cool down
12	430	External battery voltage is greater than the device voltage	<p>① If the displayed voltage is lower than 12V, please connect the charger for charging</p> <p>② If the display voltage is higher than 12V, it means that the car battery voltage is too high and not suitable for this product, please use a starter power supply that supports higher voltage</p>
13	440	Ignition clip reverse connection	Correct connection of the battery
14	450	Auto-start failure	After confirming the correct connection, please refer to the instruction manual and use manual start
15	470	Pre-start differential pressure abnormality protection	/
16	480	Wait 30 seconds for the next start-up	Wait 30 seconds and start again