

5.6 Warning Messages

When the pod drive motor is running in abnormal conditions or out of order, a warning message with an error code will display on the LCD panel. Figure 5-11 is an example. Please find more error codes and corresponding solutions in the below table.




Figure 5-11

Code	Cause	Solution
E01	Battery voltage beyond operation range.	Replace a battery based on suggested operation specifications.
E02	Propeller may be blocked, causing motor overcurrent	Refer to Solution to E10.
	Motor fails or circuit board fails causing motor overcurrent	Try to turn off the main switch and wait for 10 seconds then turn on the switch again.
E06	The battery voltage level is too low.	Operate the motor at low power. Please charge the battery as soon as possible.
E10	Motor stall, which may be caused by blocked propeller	Turn off power, then clean up the things winding around the propeller. Test if the propeller can be rotated by hand before operation.
E11	The temperature of motor is too high.	Stop operating the pod drive and wait until the temperature falls within the normal operating temperature range.

Code	Cause	Solution
E12	The temperature of circuit board is too high.	Stop operating the pod drive and wait until the temperature falls within the normal operating temperature range.
E15	Failure was found in the circuit board temperature sensors.	Try to turn off the main switch and wait for 10 seconds then turn on the switch again.
E16	Calibration Abnormality of Current Sensor	Please contact the dealer for help.
E22	MCU Communication Abnormality	Please restart to see if the error disappears, if not, please contact your dealer for help.
E25	The remote is not paired to the pod driver	Pair the remote to the pod driver module.
E30	Throttle position sensor failure, should recalibrate the throttle position sensor.	Please refer to section 5.3.2 <i>Recalibration</i> to recalibrate the throttle position sensor.
E40	System running failure	Please restart the remote control and the pod drive system.
E55	Battery is running out of power	Charge the battery.
E56	Communication Error between pod drive and NAVY battery	Check if the communication cable between pod drive and NAVY battery is well connected, if yes, please restart the system.

Code	Cause	Solution
E57	NAVY battery overcurrent	<ol style="list-style-type: none"> 1. Ensure the paralleled NAVY batteries have similar voltage with pressure difference within 2V. 2. Ensure the power cable and battery are firmly connected to avoid poor contact. 3. Restart the battery when the error occurs and keep the parallel state for 30 minutes to wait for the batteries to self-balance the voltage. 4. If the error occurs, users can also continue operating after restarting the battery, but do not operate at full power state. The operating power is suggested to be lower than two thirds of full power. Please fully charge the battery after use.
E60	The remote control is running out of power.	Please connect the remote control to the pod by a communication cable. Please refer to section 5.2.2 <i>Charged by Wired Connection</i> .
All characters display	The motor has no power.	Connect the battery to the pod drive and then turn on the main switch.
	Device addresses mismatch.	Please refer to section 5.5 <i>Pairing Remote Control with the Pod Drive</i> .

 If the problem persists, please consult your ePropulsion authorized dealer for assistance.