

## Driving motor (ALARM\*\* ON NODE 2) Pump motor (ALARM\*\* ON NODE 5)

DISPLAY CODE	ALARM NAME	Failure Analysis	VEHICLE STATUS
37	CONTACTOR CLOSED"	1.Check whether the contactor is stuck. 2.Replace the contactor and test. 3.If there is no fault above, please replace the controller.	The forklift stops and cannot do anything.
38	"CONTACTOR OPEN"	1.Check the contactor for mechanical failure or stuck. 2.Check whether the contactor contacts are bad. 3.Check whether the contactor wires are damaged or poor contact.	The forklift stops and cannot do anything.
82	"ENCODER ERROR"	1.Check whether the wire of the motor speed sensor is damaged or poor contact. 2.Replace the encoder and test. 3.If not the above problems, please replace the controller.	The forklift stops and cannot do anything.
65	MOTOR TEMPERATURE"	1.If the fault occurs when the forklift is switched on, it means the temperature sensor is damaged. 2.If it appears after long-time working, and it is necessary to take cooling measures such as fan cooling according to the specific working conditions.	Forklift can work but limited travel speed or lift speed.
66	BATTERY LOW"	1. Check the battery voltage; 2. Check the battery cell connection; 3. Check the electrolyte, etc.	Forklift can work but limited travel speed or lift speed.
78	VCC NOT OK"	1.Check whether the accelerator wire is damaged or poor contact. 2.Replace the accelerator and test. 3.If the error still exists, please replace the logic card.	The forklift stops and cannot do anything.
79	INCORRECT START"	1.Forward, backward or accelerator allows the microswitch to fail. 2.Wrong sequence of operations. 3.Wiring error.	The forklift stops and cannot do anything.

80	"FORWARD+ BACKWARD"	1.Check whether the micro switch of the combination switch is damaged or not. 2.Check whether the combination switch wire is damaged. 3.If the error persists, please replace the logic card.	The forklift stops and cannot do anything.
180	OVER LOAD	1.Check whether the vehicle load exceeds the rated capacity. 2.Whether the truck is in a serious and bad working condition, the ground is seriously uneven, the motor is stuck due to the mechanical structure, etc.	The forklift stops and cannot do anything.
224	WAITING FOR NODE	1.Check whether there are other faults, which may be caused by other faults. 2.Check whether the CAN cable is loosely connected, etc.	The forklift stops and cannot do anything.
150	BAT SERIOUS LOW	1.Check the battery voltage. 2.Charge the battery.	The forklift stops and cannot do anything.
228	TILLER OPEN	1.If the operator does not sit on the seat for more than 1 minute after switch-on, the controller will turn on the energy-saving mode, disconnect the contactor, error code 228-2 will occur, and the fault can be eliminated by sitting back in the seat.	The forklift stops and cannot do anything.

### BMS (ALARM\*\* ON NODE 17)

DISPLAY CODE	ALARM NAME	Failure Analysis	If an error is still reported after restarting the forklift or charging, need to use the lithium battery detection tool & software for targeted detection.
1	BATTERY HIGH TEMP. WARN	High battery temperature (warning level)	
2	BATTERY HIGH TEMP. ALARM	High battery temperature (critical level)	
3	BATTERY LEAKAGE WARN	Battery leakage (warning level)	
4	BATTERY LEAKAGE ALARM	Battery leakage (critical level)	
5	BATTERY STATUS ALARM	Battery status failure	