

Failure code [D610KL] HIGH VOLTAGE) BATTERY

Action level	Failure code	Failure	Battery low-voltage error (Master controller system)
L03	D610KL		
Detail of failure	The battery voltage has dropped.		
Action of controller	Working Hours - Normal operation until 10 second of detection - The caution symbol is displayed on the monitor panel and an alarm buzzer is activated when detection is continued for 10 seconds. Then the truck is stopped. During charging - Stops charging.		
Problem on lift truck	Working Hours - The lift truck cannot travel or handle a load. During charging - Battery cannot be charged.		
Related information	- The battery voltage can be checked using the monitoring function. (Code: 56534 (V)) - Method of reproducing failure code: Turn the starting switch to ON position.		

No.	Cause	Procedure, measuring location, criteria and remarks		
1	Defective battery (Abnormal drop voltage)	1. Turn the key switch to OFF position. 2. Check that the system operating lamp is turned off, then disconnect the battery plug. 3. Unplug the W50 battery plug, and measure the voltage at the battery side.		
		Voltage	Between W50 (Battery side) (+) and (-)	Min. 54V
2	Dropped battery voltage	1. Turn the key switch to OFF position. 2. Check that the system operating lamp is turned off, then disconnect the battery plug. 3. Unplug the W50 battery plug, and measure the voltage at the battery side. 4. If the voltage is low, charge the battery. ★ If the voltage is below the standard, the battery is defective.		
		Voltage	Between W50 (Battery side) (+) and (-)	Min. 70V
3	Defective charging controller	If no failure is found by the above checks, the charging controller is defective. (Since this is an internal defect, troubleshooting cannot be performed).		