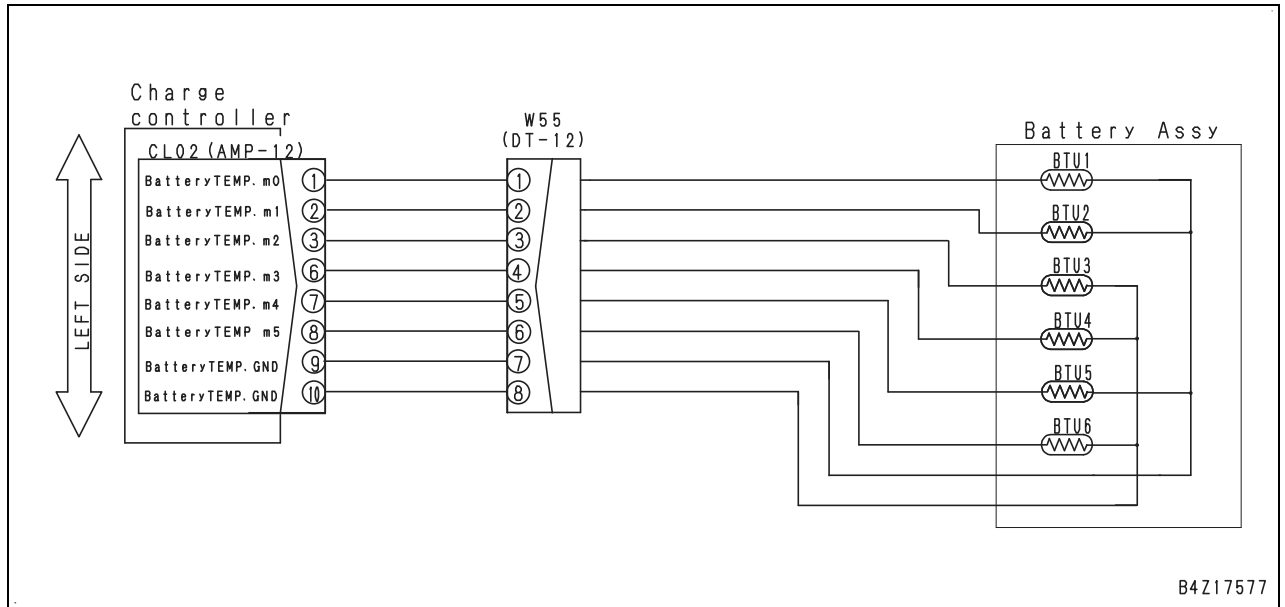


Failure code [D61000] OVER) Temp. OF BATTERY

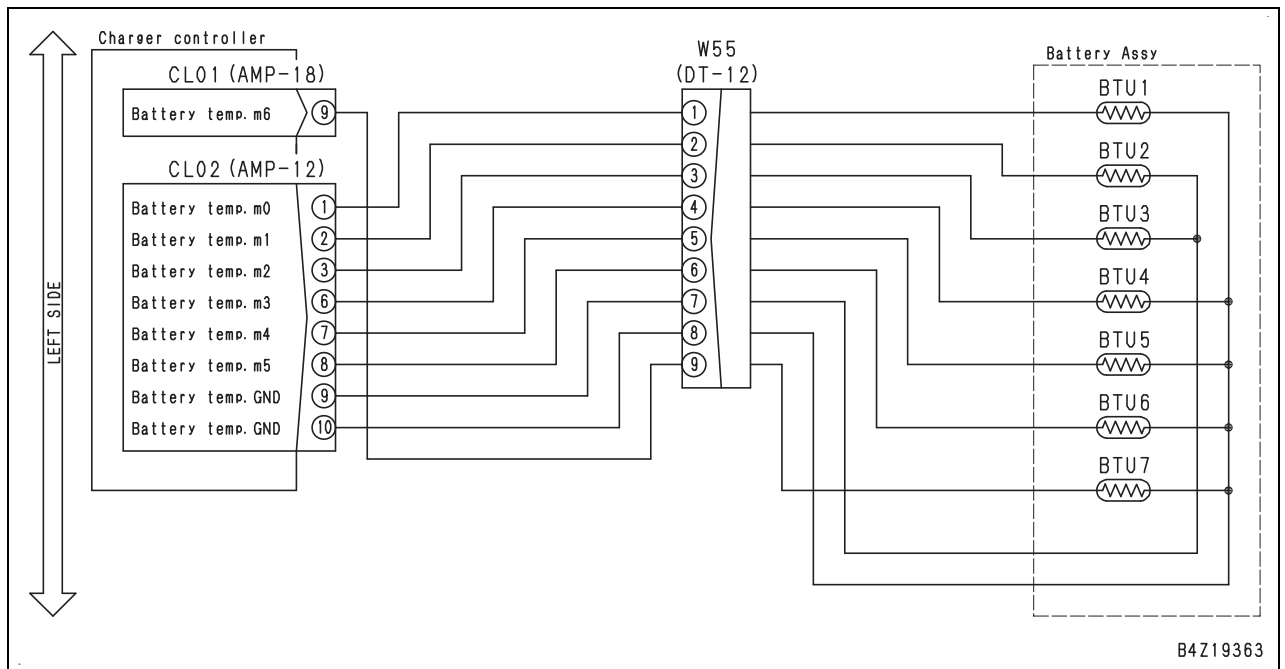
Action level	Failure code	Failure	The battery temperature is high. (Master controller system)
L01	D61000		
Detail of failure	- Any of battery temperature sensors 1 to 6 exceeded the 55°C detection temperature [FE25-1], [FE25H-1]. - Any of battery temperature sensors 1 to 7 exceeded the 55°C detection temperature [FE30-1].		
Action of controller	Working Hours - Normal operation until 1 second of detection - Displays the caution symbol on the monitor panel when detection is continued for 1 second, and once free-runs the truck. - If truck speed ≤ 2 km/h and if the acceleration is OFF for 1 second, limits the truck speed to 2.5 km/h and travels. - When the detection temperature drops below 50°C, the truck is recovered to the normal state. During charging - Normal operation until 1 second of detection - Displays the caution symbol on the monitor panel when detection is continued for 1 second, and limit the charging current to 60% of normal current. - When the detection temperature drops below 50°C, the truck is recovered to the normal state.		
Problem on lift truck	Working Hours - The travel speed is limited. During charging - The charging current drops, and the charging time increases.		
Related information	Working Hours - The travel speed is limited. During charging - The charging current drops, and the charging time increases.		

No.	Cause	Procedure, measuring location, criteria and remarks
1	Clogged of battery cooling port	Check the battery cooling slits, and clean them if clogged.
2	High environmental temperature	If the truck is operated in the 40°C or higher environment, improve the operation environment.
3	Continuous operation	If operation and rapid charging are repeated without interruption, provide a period to cool down the battery.
4	Defective battery	Replace the battery unit.

**Circuit diagram related to battery temperature sensor
[FE25-1], [FE25H-1]**



[FE30-1]



Monitor display items		Chassis circuit diagram and harness mask tube names	
FE25-1 and FE25H-1	FE30-1	FE25-1 and FE25H-1	FE30-1
Battery-1 temperature (Code: 56535(°C))		BTU1	
Battery-2 temperature (Code: 56536(°C))		BTU2	
Battery-3 temperature (Code: 56537(°C))		BTU3	
Battery-4 temperature (Code: 56538(°C))		BTU4	
Battery-5 temperature (Code: 56539(°C))		BTU5	
Battery-6 temperature (Code: 56540(°C))		BTU6	
-	Battery-7 temperature (Code: 56566)	-	BTU7