

# Error display - LEXCO

Item	Displayed error	Causes	Solution
OC2 Short error	Inverter output part or load part short	Inverter output part short or ground error	Inspect the causes and reset
OC1 Over current	Inverter output current exceed 200% of the patrol rated current	<ul style="list-style-type: none"> <li>- Short/Ground error occurred in inverter output (short or ground error is occurred when motor is burnt of insulation weaken, cable damaged)</li> <li>- Load is too high or accelerate/decelerate time is too short.</li> <li>- Too large capacity of motor is used compared to special motor or inverter.</li> <li>- Magnetic switch is changed in inverter output.</li> </ul>	Inspect the causes and reset
OH2 Inverter overheat	Inverter cooling pin temperature exceed Approx. 95°C	Environment temperature is too high.	Install the cooling device.
		There is heating element near the Inverter	Remove the heating element
		Inverter cooling fan is not working properly.	Replace the Cooling fan.
OV Main circuit over-volt	Main circuit DC voltage exceed over voltage detect level 200V class: 410V 400V class: 820V	<ul style="list-style-type: none"> <li>- Decline time is too short.</li> <li>- Returning energy from the motor is too high.</li> </ul>	Expand the decelerate time or Connect the brake resistance (or Unit)
		Power voltage is too high.	Decline the voltage to the range of power spec.
UV1 Main circuit Low-volt	Main circuit DC voltage is under low voltage detect level 200V class: 190V 400V class: 380V	<ul style="list-style-type: none"> <li>- Input power has open phase.</li> <li>- Patrol blackout occurred.</li> <li>- Input power voltage fluctuation is high.</li> </ul>	Inspect the causes and reset
OL3 Over torque detect	Output 180% of patrol rated current	Overloaded or rapid deceleration.	Set P3.02 and P3.03 properly and reset the device condition and inspect the cause of the over torque
OL2 Inverter overload	Output current 150% lasts more than 1minute compare to the inverter rate.	Load is too high. Accelerate, decelerate time and cycle time is too short.	Inspect the load size and check the accelerate, decelerate time and cycle time.
		V/f feature voltage is too high	Inspect the V/f feature
		Inverter capacity is too low.	Replace the Inverter with larger capacity.
OL1 Motor overload	Output of 150% lasts more than 1minute.	Load is too large. Accelerate, decelerate time and cycle time is too short.	Inspect the size of load and check the accelerate, decelerate time and cycle time.
		V/f feature voltage is too high	Inspect the V/f feature
		Motor rated-current setting (C2.03)is not correct.	Inspect the Rated current of the Motor. (C2.03)

◆ Error display and contents (Main controller error)

Item	Displayed error	Causes	Solution
CE Err	Communication Error between inverter and main control board	Inverter/Main board temporary error	Power off and power supply again 1minute later
ME Err	Communication Error between monitor and main control board	Monitor/Main board temporary error	Power off and power supply again 1minute later
TE Err	Touch screen error	Touch screen touched over 1minute	Remove the interference between touch screen and monitor