

Error Codes

The V80's safety features will trip on over current, overvoltage, and undervoltage to protect the inverter. The motor output Lamps OFF, allowing the motor to free run to a stop. Press the Stop/Reset key to reset the inverter and clear the error.

Basic Error Codes

Error Code	Mean	Possible Causes
E_01	Over current (over speed) constant speed	<ul style="list-style-type: none"> Inverter output was short-circuited Motor shaft is locked
E_02	Over current (over during deceleration)	<ul style="list-style-type: none"> Load is too heavy Decel. time set too short
R_03	Over current (over during acceleration)	<ul style="list-style-type: none"> Overcurrent Note: The V80 will over current trip at maximum 200% of rated current.
E_04	Over current event for solar conditions	<ul style="list-style-type: none"> DC-linking power (A_{dc}) out of the V80 Overvoltage transformer / reactor error
R_05	Overvoltage protection	<ul style="list-style-type: none"> Motor terminal is connected to the electronic circuit wrongly
E_07	Over voltage protection	<ul style="list-style-type: none"> DC-link voltage exceeds an overvoltage and regeneration energy feed to motor
E_08	EEPROM error	<ul style="list-style-type: none"> EEPROM memory organization may interfere protection, operating switch RS error, the display panel is not power OFF etc.
E_09	Under voltage error	<ul style="list-style-type: none"> DC-link voltage decreased during the start or stop of the motor Check the power supply failure or error
E_11	CPU error	<ul style="list-style-type: none"> Refresh I/O card internal error
R_12	External trip	<ul style="list-style-type: none"> RVV input signal detected
E_13	USB (Character) error Protection	<ul style="list-style-type: none"> When USB was enabled, an error occurred when power was applied while a Run signal was present
R_14	Encoder fault	<ul style="list-style-type: none"> A signal fault was detected between the encoder output and the motor. The system protects the inverter and drive (stop the machine).
E_15	Input over voltage	<ul style="list-style-type: none"> Input voltage was higher than the specified value, IGE was after power up
a_21	Inverter (over) (U)	<ul style="list-style-type: none"> Inverter (over) (U) parameter is not correct. Check data.
R_20	Inverter (over)	<ul style="list-style-type: none"> Same as E_01-E_04
E_26	Temperature	<ul style="list-style-type: none"> Temperature (point U) and L is over the temperature threshold
R_27	Sub zero	<ul style="list-style-type: none"> Sub zero function is activated
E_80	Interconnection error	<ul style="list-style-type: none"> DC-link connection error or RGHV-MODULE communication
---	Under voltage (over) (U) (U) stall	<ul style="list-style-type: none"> Low input voltage caused the inverter to turn OFF the motor output and the motor stall. This is a safety stop function.