

## Explanation of SnapRS-Related PWRcell Error Codes And Recommended Actions

Error Code	Text on PWRcell Inverter Display <sup>1</sup>	What's The Issue?	Severity	Action
0x5030	testing PVRSS <sup>2</sup>	This is a normal process and not an error. The PV Link is performing its self-test for PVRSS functionality.	None	No action needed
0x5110	PVRSS selftest failed	During a PV Link self-test, the SnapRS count was not completed in the allotted time.	Medium	Call Dealer or Generac Support <sup>3</sup>
0x5120	PVRSS fail: low input	This error code indicates that the PV Link has detected that the substring voltage is too low.	Medium	Call Dealer or Generac Support
0x5130	PVRSS count mismatch	The PV Link monitors the number of SnapRS devices detected. This error code will display when the PV Link determines that the count of SnapRS devices detected does not match the original count of installed SnapRS devices.	Medium	Call Dealer or Generac Support
0x5140	PVRSS fail: hi input	This error code indicates that the PV Link has detected a high voltage reading when the SnapRS should be off.	Medium	Call Dealer or Generac Support
0x5150	PVRSS fail: timeout	The SnapRS count was not completed in time during normal operation.	Medium	Call Dealer or Generac Support

<sup>1</sup> Error codes are displayed in the window on the face of the inverter or can be viewed in the PWRcell app if the PWRcell system is connected to the internet.

<sup>2</sup> PVRSS means Photo Voltaic Rapid Shutdown System. This is the system that rapidly shuts down the PWRcell to make the system safe from electrical hazards for first responders who need to access the roof, attic, or other parts of the home in an emergency.

<sup>3</sup> You can contact Generac Support at: 1-888-GENERAC (436-3722).

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0x5180	PVRSS not configured	This error code indicates incompatible settings associated with PVRSS enablement. It will appear either when PVRSS is enabled but the installed SnapRS count is zero, or when PVRSS is disabled and the installed SnapRS count is greater than zero.	Medium	Call Dealer or Generac Support
0x7310	PVRSS lockout	This error code indicates that the PV Link's periodic SnapRS count has repeatedly failed to match the installed SnapRS count. The string will lock out.	Error (High)	Call Dealer or Generac Support
0x7320	PV current fault lockout	<p>A shorted PV Link has been detected. It is important for qualified service technicians to remove the PV Link as soon as possible to safeguard against a potential risk of damage to equipment or property. The string will lock out.</p> <p><b>SERVICE WARNING (For Service Technicians Only):</b> If PV Link is shorted, there is potential for uncontrolled current flowing through the PV substring during service or repair, even after disabling the system at the inverter. A clamp meter should be used to check for DC current flow in array before PV Link removal. If uncontrolled current is detected, it is advisable to cover or tarp PV panels along the affected substring to ensure that system is not energized. Wear appropriate PPE and exercise caution when disconnecting the equipment to avoid injury or property damage.</p>	Error (High)	Call Dealer or Generac Support immediately