



# Inverter Testing

Company:

Unit #:

Serial # of inverter (NOTE: May be on the controller):

Address:

City:

State:

Zip Code:

End User/Customer:

Date:

Main Contact Name:

Email:

Phone:

Driver Complaint:

Yes No

Reset inverter by turning power button on and off

Voltage at batteries:

Voltage at back of inverter:

Voltage at outlets:

Controller fault lights

If yes, what are they:

Other Tests Performed

If yes, what are they:

NOTE: Controller and cable must be changed with inverter for warranty evaluation.

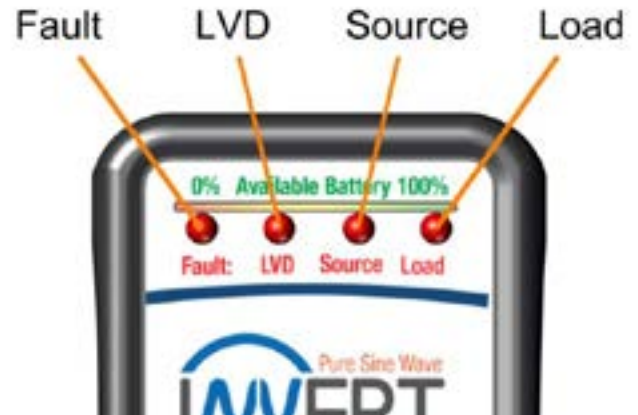
Please attach a copy of this document to the inverter and controller if replaced.



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## FAULT INDICATION

The Invert controller also indicates if there is an issue with the inverter. The Fault light will blink red to indicate that the inverter has turned off due to a fault condition.



LED	LED STATUS	FAULT	SOLUTION
Fault	Blinking red	Communication fault	Check cable connection at inverter and controller. Check cable for opens or shorts, replace if necessary.
LVD	Blinking red	Low Voltage Disconnect	Battery is low, inverter shut off to protect batteries. Turn off inverter, start engine to charge battery.
Fault and LVD	Blinking red Fault LED, solid red LVD LED	Undervoltage fault	Voltage to inverter is below 9.5 V, turn inverter off, then back on.
Fault and Source	Blinking red Fault LED, solid red Source LED	Overtoltage fault	Turn off inverter, correct overvoltage.
		Over-temperature fault	Turn inverter off and let cool down.
Fault and Load	Blinking red Fault LED, solid red Load LED	Overload fault	Turn off inverter, turn off some of the loads being used.