To Install & Commission Your Lithium System Please Complete The Following Steps.

FOR USE WITH ALL SYSTEM INSTALLATIONS

1. **Prior to Installation** please make sure you have the correct wiring diagram for your installation and the Main Battery Latching relay is in the OFF Position (Yellow button flush with the top of the switch).
2. Make sure the Dip Switch on the right hand side of the Enerdrive ADV-BMS Relay Driver is set to Program A.
3. Leave the main battery cables disconnected until complete.
4. Connect all DC & AC cables for the system taking note that the polarity is correct, Especially on the BMS Relay Driver.
5. All Positive DC cables for DC LOADS & Inverters are to be on the “SYSTEM” side of the Main Battery Latching Relay.
6. All Positive DC cables from the Enerdrive approved battery chargers & Tristar Solar to be installed on the “BATTERY” side of the Main Battery Latching Relay.
7. Make sure all High & Low protection cables to the Advance BMS Relay Driver from the Battery, Battery Monitor and all charging devices have been installed as per wiring diagram.
8. Make sure all High & Low protection cables to the Advance BMS Relay Driver from both the Battery & Battery Monitor have been installed as per the wiring diagram.
9. Connect DC Cables to the Battery.

**LITHIUM COMMISSIONING CHECK SHEET**

Refer Fault Finding Codes 1 Thru 11 Refer To Enerdrive Advanced Relay Driver And Charging Sources.

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If you have answered YES to all questions, congratulations, your Lithium System is ready for use! Please fill out relative information below and supply a copy to the end user.

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Customer/End User Name If Known. |
Battery Serial Number (found on battery case) |

VIN Number |
Installer Details |
Date Commissioned |

**Fault Finding.**

**F1**
A: Does the power circuit for the Enerdrive ADV-BMS Relay driver have a "Hop lose it"?
B: Check polarity of the “Power Input” to the Advanced BMS Relay Driver. If it is Reverse Polarity you will need to replace the Advanced Relay Driver an internal damage has occurred.

**F2**
Check that all wires are connected between the Blue Sea Latching Relay and the Advanced Relay driver. If this is correct and LED still does not light up - Call Enerdrive.

**F3**
Make sure the connection is completely removed. If LED does not go out - Call Enerdrive.

**F4**
Check that all wires are connected between the Blue Sea Latching Relay and the Advanced Relay driver.
B: Does the Advanced Relay Driver still have power? Check the fuse.

**F5**
A: Make sure wire is connected correctly.
B: If all wiring is ok - Call Enerdrive.

**F6**
If LED 3 LED is out and the Red LEDs on TOR Outputs 1-4 and Outputs 1-2 are NOT ON - Call Enerdrive.

**F8**
If there are no Red LEDs turned on - Call Enerdrive.

**F9**
A: Check that the ENERDRIVE-G2 sensor lead is connected to the Temp Port on the Enerdrive AC Charger and connected to one of the TOR Ports on the Advanced Relay Driver.
B: Check that the ENERDRIVE-G2 sensor lead is connected to the Temp Port on the Enerdrive DC/AC Charger's and connected to one of the TOR ports on the Advanced Relay Driver.
C: Check that the SR-T5-T09-G2 sensor lead is connected to the Temp Port on the Tristar Controller and connected to a TOR Port on the Advanced Relay Driver.

**F10**
A: Check that there is a twin core cable between the Combi Trigger 1 INPUT & COM contact and into the MD/COM contact on OUTPUT 1 or 2 on the Advanced Relay Driver.

**F11**
If the LED does not turn on - call Enerdrive.

**F12**
If the fault codes are still active you may still be within the 10 minute "Stop Charge" program. Wait a further 10 minutes and if the fault codes don’t disappear - call Enerdrive.

**F13**
If any of the charge sources are still in fault code, check sensor cable from Advanced Relay Driver to charge source. If connected correctly and fault is still active - call Enerdrive.