

Technical Bulletin

TUN-TB-SMA-1119-EN



DC/AC POWER INVERTERS

Date: November 21, 2019

Subject: Search mode modification procedure

Application: M1500 & M2000 power inverters

Overview: This Bulletin looks at changing the search mode when operating difficulties are observed with certain appliances such as some microwave ovens and video game consoles.

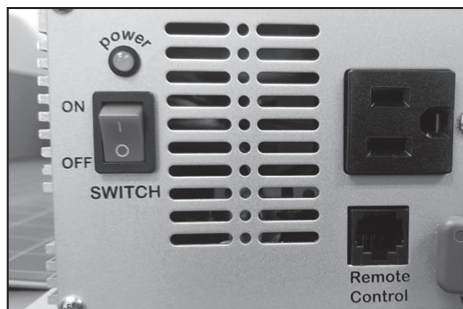
P1: Older generations – May 2015 to May 2019

P2: Newer generations – From June 2019

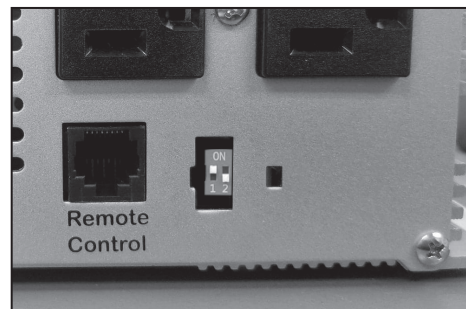
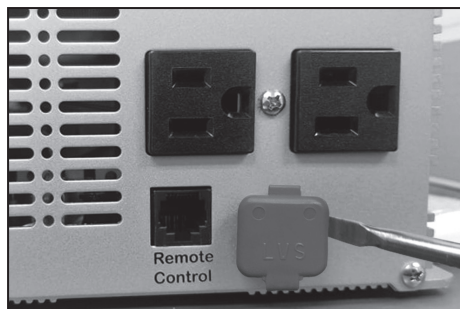
SEARCH MODE MODIFICATION PROCEDURE

Older generations – May 2015 to May 2019

1. Turn the inverter OFF.



2. Fully remove the rubber cap using a flat-head screwdriver.



Note: Do not touch switch #1. It controls the inverter's LVD*

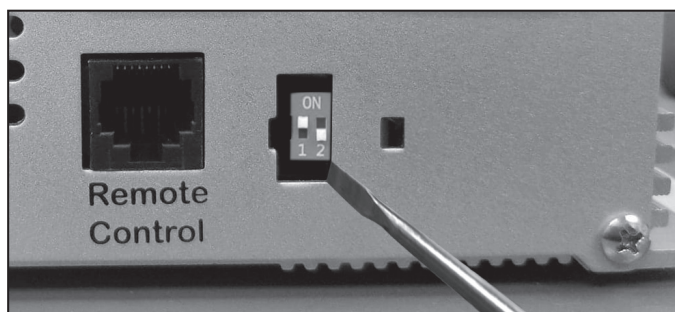
UP: Alarm 11.5 V – Shutdown 11.0 V

DOWN: Alarm 10.5 V – Shutdown 10.0 V

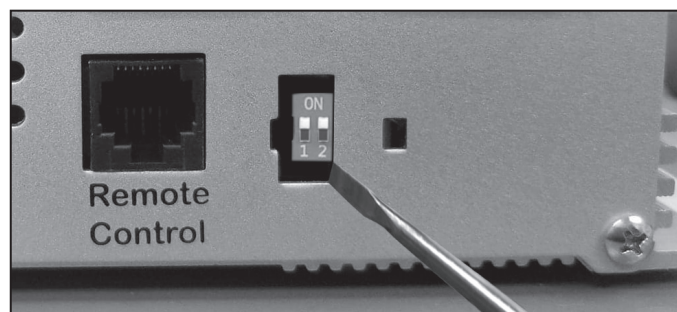
3. Move switch #2 to change the inverter's SEARCH MODE.

UP: Allows video game consoles to function better.

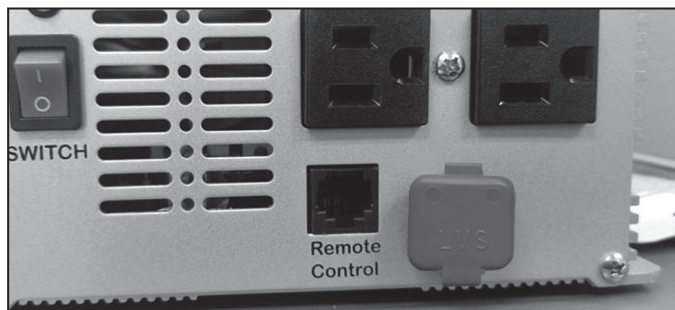
DOWN: Allows certain microwave ovens to function better.



*Low Voltage Disconnect



4. Carefully replace the rubber cap.



5. Turn the inverter ON. Try your device(s).



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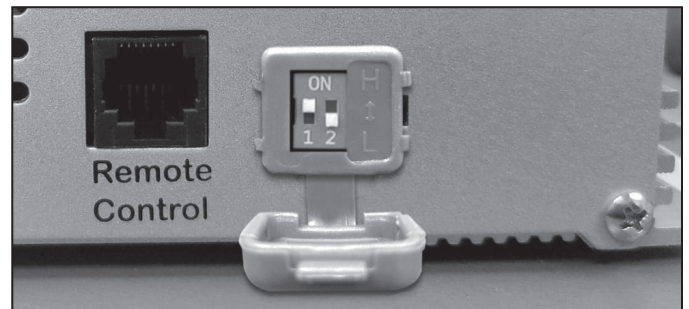
SEARCH MODE MODIFICATION PROCEDURE

Newer generations – from June 2019

1. Turn the inverter OFF.



2. Open the rubber cap to expose the required micro switch.



Note: Do not touch switch #1. It controls the inverter's LVD*

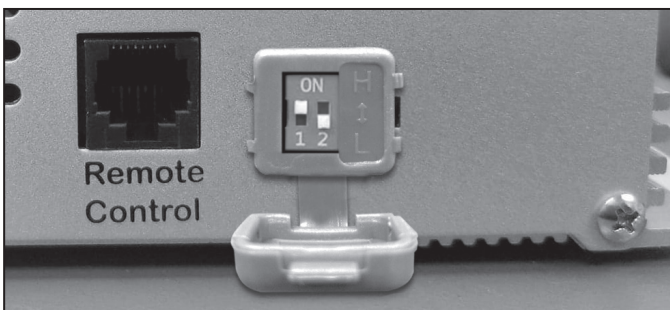
UP: Alarm 11.5 V – Shutdown 11.0 V

DOWN: Alarm 10.5 V – Shutdown 10.0 V

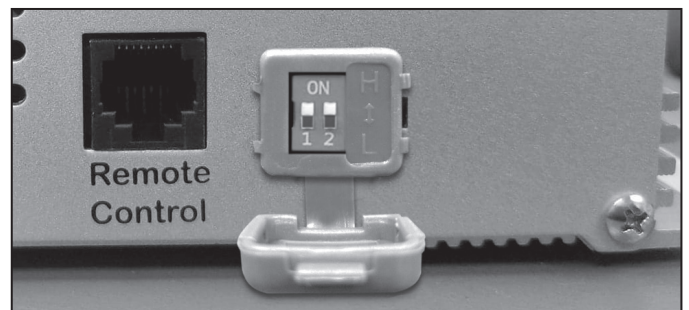
3. Move switch #2 to change the inverter's SEARCH MODE.

UP: Allows video game consoles to function better.

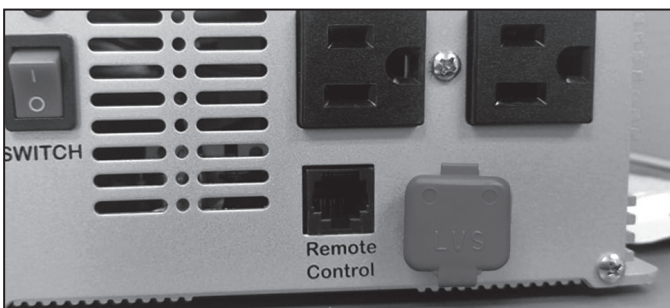
DOWN: Allows certain microwave ovens to function better.



*Low Voltage Disconnect



4. Close the rubber cap.



5. Turn the inverter ON. Try your device(s).

