



SOLAR STIK®

**REPROGRAMMING INSTRUCTIONS
FOR
24VDC PRO-VERTER 5000-220 AGS
SETTINGS, FAVS & PIN**



Effective Date: 20200303

Resetting the PRO-Verter 5000 PIN

Access to critical PRO-Verter program settings is protected by a personal identification number (PIN). The PIN set at the Solar Stik Factory is the year that is printed on the I-Plate, which corresponds to the year that the PRO-Verter was manufactured. The PIN can be changed to to any other suitable, secure, four-digit number.

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PN 10-1000443

Example of an Inset from the lower right corner of the PRO-Verter I-Plate. This number may vary.

Entering the SETUP Menu When the PIN Is Set and Locked

A PIN has been set and the SETUP button menus are locked when the SETUP button is pressed and the “Enter SETUP PIN = 0****” menu appears on the screen. The correct/original PIN (2014) must be entered to access the menu. If the incorrect PIN is entered, “Invalid PIN” displays. There is no limit to how many attempts can be made to enter the correct PIN.

To enter an existing PIN (from the Enter SETUP PIN = 0**** menu):

1. Rotate the SELECT knob to the correct digit, and then press the knob.
2. Repeat Step 1 to enter the remaining three digits of the existing PIN.
3. After pressing the SELECT knob for the last digit, access to the SETUP menu is permitted.

Info: After the correct PIN has been entered, there is no need to reenter it to access another protected menu—unless five (5) minutes have passed without any button push.

Changing an Existing PIN

The PIN can be changed at any time. First, go to the TECH: 05 SETUP PIN menu and then enter the existing PIN to access the “Change PIN” menu item.

To change an existing PIN (from the 05 SETUP PIN menu):

1. Use the SELECT knob to enter the existing PIN (see procedure above).
2. After the existing PIN is entered and SELECT has been pressed for the last digit, the “Set SETUP” options menu appears.
3. Rotate the SELECT knob to the “Change PIN” option, and then press the SELECT knob. The “Set SETUP PIN” menu appears with the current PIN displayed and the first PIN digit blinking.
4. Enter a new four-digit PIN. **Note:** The number “0000” is not an option.
5. After pressing the SELECT knob for the last digit, the new PIN is set. The display will return to the “Set SETUP PIN” menu where the SETUP button menus may be “locked/unlocked.”

Please record the PIN chosen in a secure location for future reference.

Overriding an Unknown PIN

A previously-entered PIN can be overridden. When “PIN = 0****” displays, press and hold the SELECT knob until “PIN = 0000” displays (approximately 7 seconds). Enter a new PIN number.

How to reprogram settings in the PRO-Verter SETUP menus

Use the PIN-code to access the programmable settings in the SETUP menus.

Use the PRO-Verter Menu Map provided in the **SYSTEM SETUP AND OPERATION MANUAL FOR ATSC MS3 L0** as a guide for entering the proper settings. Cycle the power on the PRO-Verter and confirm that all changes were saved.

How to program FAVS menu buttons

1. Program FAVS F1 Menu for BATTERY TYPE

- a. Press the SETUP Menu button.
- b. Scroll to 03 Charger Setup; press the SELECT knob.
- c. Scroll to 03C Battery Type; press the SELECT knob.
- d. Scroll to “CC/CV”.
- e. Push and hold the FAVS button for three seconds.
 - i. The screen will display “Select FAV: F1”.
- f. Press the SELECT knob to save 03C Battery Type CC/CV to FAVS F1.

2. Program FAVS F2 Menu for AMPHOUR SIZE

- a. Press the SETUP Menu button.
- b. Scroll to 05 BMK Setup; press the SELECT knob.
- c. Scroll to 05B AmpHour Size.
- d. Push and hold the FAVS button for three seconds.
 - i. The screen will display “Select FAV: F1”.
- e. Scroll to F2. Press the SELECT knob to save 05B AmpHour Size to FAVS F2.

3. Program FAVS F3 Menu for AC INPUT

- a. Press the SETUP Menu button.
- b. Scroll to 03 Charger Setup; press the SELECT knob.
- c. Display will show 03A AC Input.
- d. Push and hold the FAVS button for three seconds.
 - i. The screen will display “Select FAV: F1”.
- e. Scroll to F3. Press the SELECT knob to save 03A AC Input to FAVS F3.

4. Program FAVS F4 Menu for LBCO SETTING

- a. Press the SETUP Menu button.
- b. Scroll to 02 Inverter Setup; press the SELECT knob.
- c. Scroll to 02B LBCO Setting.
- d. Push and hold the FAVS button for three seconds.
 - i. The screen will display “Select FAV: F1”
- e. Scroll to F4. Press the SELECT knob to save 02B LBCO Setting to FAVS F4.

5. Program FAVS F5 Menu for GEN RUN VDC

- a. Press the SETUP Menu button.
- b. Scroll to 04 AGS Setup; press the SELECT knob.
- c. Scroll to 04A Gen Run VDC.
- d. Push and hold the FAVS button for three seconds.
 - i. The screen will display “Select FAV: F1”
- g. Scroll to F5. Press the SELECT knob to save 04A Gen Run VDC to FAVS F5.