

## Application Note

## AN2001

### *Changing the Energy Integer Divider using the LCD*

**Associated Product:** WattsOn-Mark II (-DL Models)

#### Summary

This application note shows step-by-step how to change the "Energy Integer Divider" (Modbus Register 0x52E) setting on a WattsOn-Mark II with on-board LCD option (-DL).

- 1) Starting with the display in its normal measurement value cycling mode.



- 2) Press the **BACK** button to enter the menu system, and ensure that the "Configuration" option is selected. Press **ENTER**

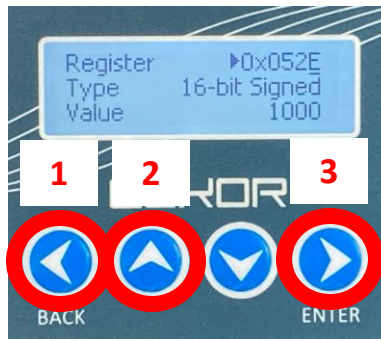


- 3) Make sure that "Configuration" is selected, and press **ENTER**

4) Press the **UP** arrow to select the "Register Operations" menu item and press **ENTER**



5) With the display arrow pointing at "Register" click **ENTER** to edit the field. The default is 0x510



- Notice that the cursor shows the currently selected digit
- Use the **BACK** arrow to move to the second last digit, and press **UP** to change it to "2"
- Use the **FORWARD** arrow (ENTER) to move to the last digit, and press UP until it reads "E"
- Press ENTER to exit the field editing mode.
- The field value should show "0x52E". This is the Energy Integer Divider
- The VALUE should show "1000". We need to change this to "100"

6) Press DOWN to select the value field, and ENTER to edit the field



- Note that the cursor shows the currently selected digit
- Press the **BACK** button three times to select the *THOUSANDS* digit
- Press **DOWN** to set it to "0", and **ENTER** to enter the *HUNDREDS* digit
- Press **UP** to set the *HUNDREDS* digit to "1".
- Press **ENTER** until the field is exited and saved.

7) The Arrow should be pointing to the "Value" item, and it should now read 100.



Press BACK three times to exit the editor and menu, and to return to the normal measurement cycling mode.