

# TECHNICAL DOCUMENT

ref: 5Tv1

**Subject:** Settings for a PowerSpout Micro Hydro

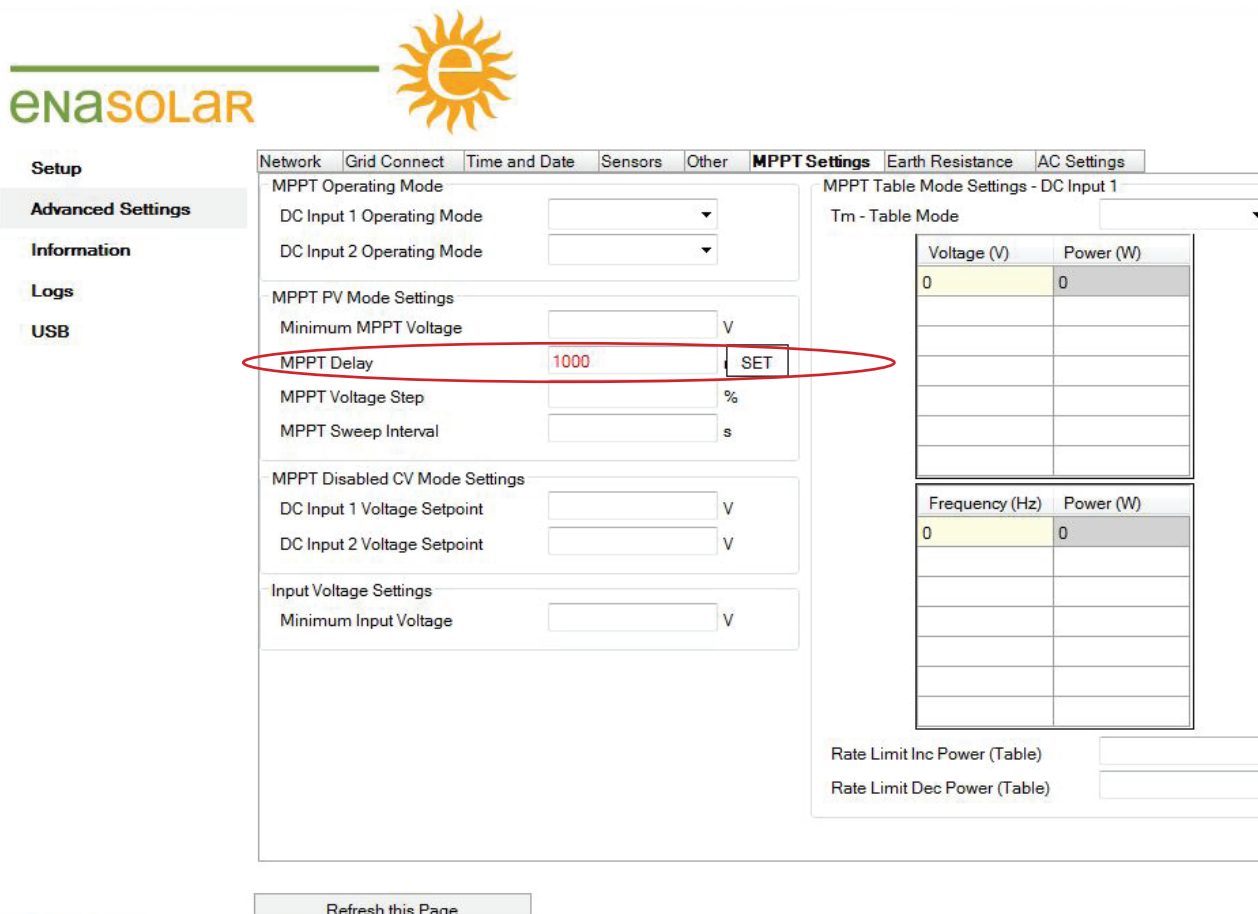
**Created:** 21 April 2015

## Purpose:

To assist in explaining the specific configuration that is necessary to use the EnaSolar Inverter with a PowerSpout micro hydro system.

To work correctly with a PowerSpout micro hydro system, the EnaSolar Inverter must have the MPP algorithm adjusted.

1. Connect to the inverter using the EnaSolar Inverter Configuration software and a Mini USB cable.
2. Turn on the DC Switch to allow these changes to be set into the inverter.
3. Go into the **Advanced Settings** menu, then select the **MPPT Settings** tab.
4. In the **MPPT Delay** - set to 1000, then press **Set**.



The screenshot shows the EnaSolar configuration software interface. The 'MPPT Settings' tab is selected. The 'MPPT Delay' field is set to 1000 and is circled in red. The 'SET' button is also visible. The interface includes a sidebar with 'Setup', 'Advanced Settings', 'Information', 'Logs', and 'USB'. The main area contains various settings for MPPT Operating Mode, DC Input 1 and 2 Operating Mode, MPPT PV Mode Settings, MPPT Disabled CV Mode Settings, and Input Voltage Settings. Two tables are visible: 'MPPT Table Mode Settings - DC Input 1' and 'MPPT Table Mode Settings - DC Input 2'. The first table has columns for Voltage (V) and Power (W), with the first row showing 0 and 0. The second table has columns for Frequency (Hz) and Power (W), with the first row showing 0 and 0. There are also fields for 'Rate Limit Inc Power (Table)' and 'Rate Limit Dec Power (Table)'.