

In this edition of “Tech Tips”, we will cover a small, but often over-looked reason why the Idle Free APU is not running... DIP switches & switch settings that often-times get changed, causing it to either not operate at all, or erratically. There are DIP Switches on the inverter, and Switches on the Thermostat, that if changed can make the APU operate incorrectly, if at all. As always, any questions can be directed toward Idle Free Systems Technical Support. The telephone number & email address are located at the bottom of this page.

### The Thermostat Switches:

There are three switches on the back of the thermostat, on the right-hand side. The top switch will allow for the temperature to be displayed in Celsius, or Fahrenheit, it is up to you set it to which-ever the operator prefers.

The middle switch **MUST BE SET** to the upper position, (HG).

The lower, bigger switch **MUST BE SET** to the lower position (CONV).

These two switches must be set to these positions for the AC & heat to operate correctly, in their respective modes.



### The Inverter DIP Switches (located to the right of the outlet, just under the 3 LEDs):

In the window, there are four DIP switches. They control Power Save Mode, the amount of energy needed to bring the inverter out of Power Save mode, & the frequency (50 or 60 Hz) of the 120-volt AC output. In North America, 60 Hz is the norm, so **the upper most switch (S4) should always be set to the right.**

The middle two switches set the amount of energy the inverter must see before it comes out of Power Save Mode. **IF in Power Save Mode, these two switches (S2 & S3) should be to the left. If NOT in Power Save mode, they are irrelevant.** The lowest DIP switch (S1) should be to the left to turn Power Save Mode OFF, and to the right if Power Save Model is desired. From the Factory, Power Save is turned on.

