

10 Volt Inline Power Regulator Adapter

This adapter is for use with older designed tank monitor systems that were not built to regulate the incoming voltage. Some of these systems are the Smart Mini and the 703 Smart 3 Tank Monitor.

It can also be used on the Smart 102 - 3 and 4 tank monitors but you would need to put one on each tank wiring instead of just one for each panel. If one was put at the panel only, the voltage would be regulated for the battery reading and would give you incorrect readings for the battery voltage indicator.

This adapter will regulate the input voltage to 10 volts from your 12 -15 volt system.

Please install it using the following configuration for the Smart Mini and the 703 Smart 3 Tank Panels:

- **The Red wire** on the regulator adapter is attached to the incoming 12 to 15 volt power from your battery or other power source. (The raw power goes to the inline fuse assembly and then the other end of the fuse assembly gets attached to red wire on the regulator adapter)
- **The Black wire** needs to be tied to ground.
- **The Orange wire** is the 10 volts regulated power that needs to go to the power input on the panel (red wire on the Smart Mini and the 703 Smart 3 Tank).

If you have a panel that has already been set-up and calibrated, you will need to recalibrate it as the input voltage will be different than when it was calibrated.

This adapter will now regulate the voltage to be at a constant 10 volts and will keep the reading constant even if the power goes up or down. All our panels will need to have at least 11 volts to read correctly though.

If you have any questions when you receive this, please feel free to contact our tech support department.

Thank you,
Tech-Edge Manufacturing LLC
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