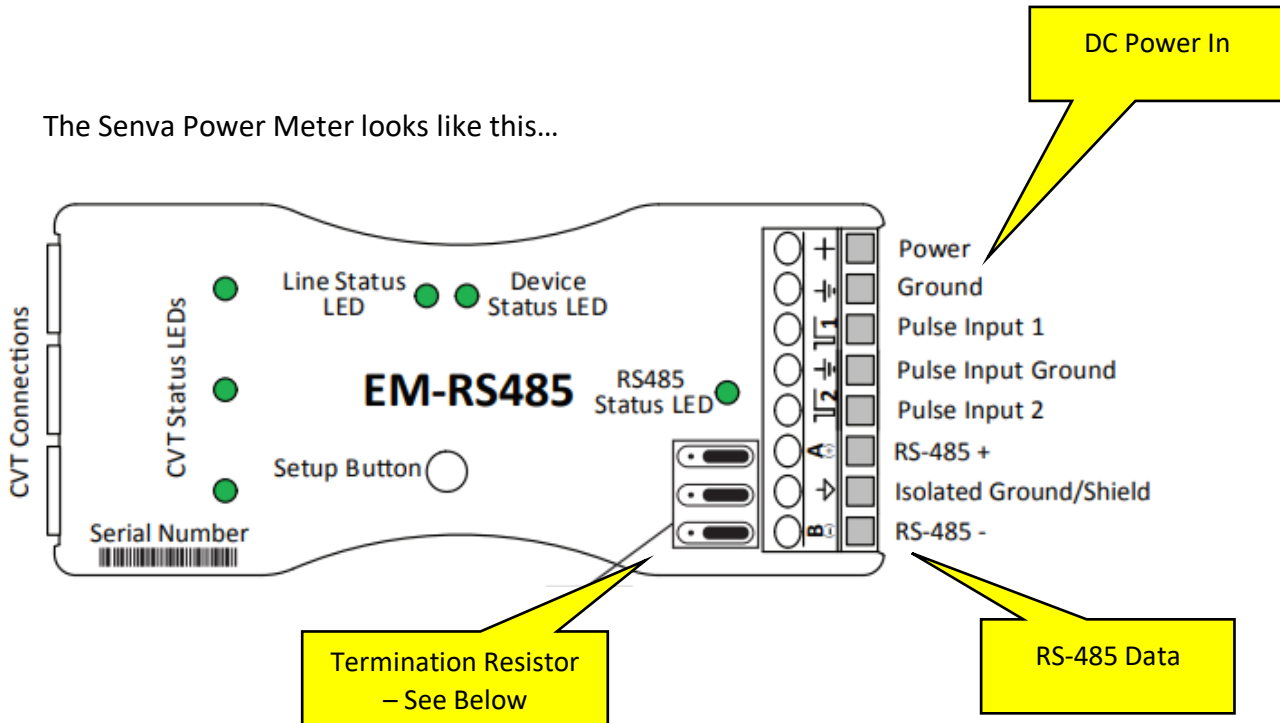


The Senva Power Meter looks like this...



The device can mount with its own magnets, or with DIN Rail. See the Senva instructions for these details. If only one meter is used, move the center termination resistor to the left position in this view.

The device is powered by 12 – 24 Vdc at the Power & Ground terminals shown above.

The OmniMetrix data connection is made via the RS-485 terminals.

The Omni solid WHITE wire goes to RS-485+ and the solid GREEN wire goes to the RS-485- terminals.

The Isolated Ground / Shield terminal should be wired to the DC Ground that the OmniMetrix unit is on. If the power ground applied to the power terminals is the same ground as the Omni, jumper that power ground to the Isolated Ground. If the meter is powered by a supply different from the Omni supply, connect the RS-485 Ground / Shield to the shield on the twisted pair RS-485 wire, and ground the shield at the Omni end.

If only one meter is used, or if the meter is the last device in a daisy chain of multiple meters, set the termination resistor to the left position on the meter farthest down the data cable from the OmniMetrix device.

The Senva installation guide is included to assist in how to mount the CTs. However...

DO NOT MAKE ANY CHANGES TO THE CONFIGURATION OF THE METER !!!! IT IS PRECONFIGURED!

For assistance in installation and testing, and to have the meter configuration applied to the Senva Meter, call OmniMetrix at 770-209-0012 option 2 for Tech Support.