

How do I...?

An occasional series

This week: How much power?

Ever wonder how much power you were using? Sure, some power supplies and transceivers have built-in meters, but if you need a second opinion, or more precise metering, take a look at the Powerwerx Precision Watt Meter and Power Analyzer.

This small analyzer comes with Anderson PowerPoles installed. Pay attention to the end marked SOURCE. Your power supply or battery plugs in there. The LOAD (usually a transceiver) plugs into the other end. The Field Day fairies tell me that reversing ends will let the factory installed white smoke out. They also said there is no repair for that.



from the Powerwerx website (www.powerwerx.com):

Powerwerx Watt Meter, DC Inline Power Analyzer, 45A Continuous, 12 Gauge, Powerpole Connectors

Measuring capacity up to 60V and 100A.
12 gauge wire with Powerpole connectors.
Bright green backlit LCD display.
Measures 8 electrical parameters: Amps, Volts, Watts, Amp-hours, Watt-hours, Peak Amps, Minimum Volts (Sag), Peak Watts. No configuration, works automatically! [Read Full Description](#)

This is a great addition to my Go Box.

One feature I think will be very use for a battery powered operation is the Watt and Amp-hours data.

From the Powerwerx website.

Watt-hours (Energy) (Wh)

The displayed value is the total energy delivered in Watt-hours since the meter's last startup. It is measured from the load side for the most accurate results.

Amp-hours (Charge) (Ah)

The displayed value is the total charge delivered in Amp-hours since the meter's last startup. It is measured from the load side for the most accurate results.

[Powerwerx Watt Meter, DC Inline Power Analyzer, 45A Continuous, 12 Gauge, Powerpole Connectors | Powerwerx](#)

If this accessory captures your interest you may wish to consider adopting Anderson PowerPoles as your standard for DC Power Distribution. Many of your Fellow Club Members use PowerPoles. Your Editor uses them at home and when he goes out in the field.

Catch 'ya on the air!