



## Mini Power Meter with Voltage, Current, Watts, mAh & mWh Display

PRODUCT ID: 3624

IN STOCK

1

ADD TO CART

1-9

10-99

100+

ADD TO WISHLIST

[DESCRIPTION](#)

[TECHNICAL DETAILS](#)





## DESCRIPTION

This **Mini Power Meter with Voltage, Current, Watts, mAh & mWh Display** (whew that is a mouth-full) is a lot like the [USB In-Line Voltage and Current Meter](#) we carry but can be used with a wide range of voltages (not just USB connections). Measure the working voltage and current output for any project with this really fancy power meter.

This power meter has a small LCD display that shows off voltage, watts, amps, and mAH and instantly reads the numbers out for testing devices, such as chargers, cables, and cell phones. There are a few nice extras in this very fancy monitor, such as showing the ambient temperature and calculating the cumulative Watt-hours and milliAmp-hours over a running time. Basically it's an all-in-one power management solution that doesn't require any calculation or data logging on your part.

You can have it self-power from the power source it's measuring (it has a quiescent of about 20mA and requires at least 3V), or you can power separately from a JST connector or power-only micro USB socket.

Comes with

- 1 x 2-pin JST Connector
- 2 x Positive Alligator Test Clips
- 2 x Negative Alligator Test Clips

---

## TECHNICAL DETAILS

Dimensions: 48mm x 29mm x 21mm / 1.8" x 1.1" x .8"

Weight: 15g

- Voltage measuring range: 1.00 V - 100.00 V (when powered separately)
- Voltage measuring range: 3.00 - 40.00V (when powered by device)
- Voltage resolution & precision: 0.0001V / 0.01V
- Current measuring range: 0.0000 to 15.00 A
- Current resolution & precision: 0.0001 A / 0.01A
- Cumulative capacity range: 0 to 99999 mAh
- Cumulative resolution/precision: 0.001 Ah
- Power cumulative range: 0 to 999999 MWh
- Power cumulative resolution/precision: 0.001 Wh
- Power metering range: 0 to 299.999 W
- Power meter resolution precision: 0.001 W
- Temperature measurement range: 0 ~ 80°C
- Temperature resolution/precision: 1 degree
- Timing maximum time: 999h 59min 59s
- Timing resolution/precision: 1 second
- Measurement rate: 2 Hz
- Display type: LCD module with white graphical display
- Quiescent current draw: < 20mA
- Working temperature: -10 to 60 degrees C
- Working humidity: 10 to 80%

---

## MAY WE ALSO SUGGEST...



USB Voltage Meter with



INA169 Analog DC Current



PowerBoost 500 Charger -



Panel Current Meter - 0 to



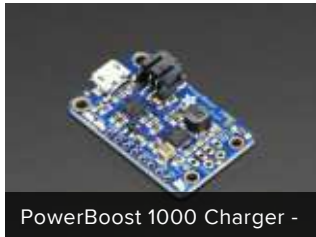
Extech EX330 12-function



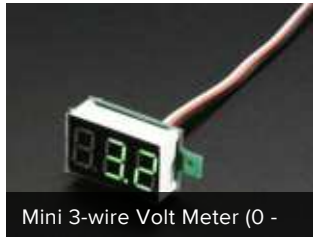
INA219 High Side DC



USB Charger Doctor - In-



PowerBoost 1000 Charger -



Mini 3-wire Volt Meter (0 -



Micro B USB Cable with



Large Panel-Mount Digital

## DISTRIBUTORS [EXPAND TO SEE DISTRIBUTORS](#)

[CONTACT](#)

[SUPPORT](#)

[DISTRIBUTORS](#)

[EDUCATORS](#)

[JOBS](#)

[FAQ](#)

[SHIPPING & RETURNS](#)

[TERMS OF SERVICE](#)

[PRIVACY & LEGAL](#)

[ABOUT US](#)

*"We have a hunger of the mind which asks for knowledge of all around us, and the more we gain, the more is our desire; the more we see, the more we are capable of seeing" - [Maria Mitchell](#)*

ENGINEERED IN NYC Adafruit®



4.9 ★★★★★  
Google  
Customer Reviews