



IN-LINE POWER METER

Model No. KT70702

USER MANUAL

IS577 Issue 1 06.09.2023

Please refer to this user manual before using or installing this product.

FEATURES

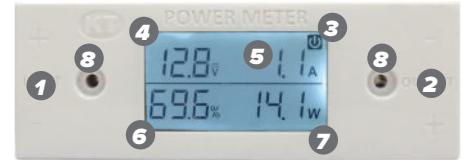
The KT In-Line Power Meter provides an easy way to view the volts, amps, watts and battery percentage of your 12/24/48V devices by a simple touch of the LCD Display. Ideal for use with solar panels, camping & marine applications, 4x4 & caravan applications & more. The 'In-line' functionality allows you to connect an 'Input' and an 'Output' and get a 'real-time' reading of your power circuit.

- 12V solar or battery suitable for input (source).
- Rated to 20A at 12V.
- Can be used with 12V, 24V & 48V devices.
- Measure volts, amps, watts & battery percentage of 12V devices in real-time.
- Back-lit LCD reliably provides clear, visible readings day or night.
- Display turns off automatically after 30 seconds.
- Mounts easily to surfaces with 2 screws.
- Unique input & output designed to suit 50A heavy duty connectors.
- One piece, durable unit with no messy cables.
- UV stabilised polycarbonate housing.
- Waterproof, dustproof (IP67) & shockproof.

The 'Input' (Source) can be a Battery, a Solar Panel, Generator or any other device that you can draw power from. The 'Output; (Load) refers to the Device that is drawing power from the source, can be a Battery.

COMPONENTS

1. Input (Source)
2. Output (Load)
3. On/Off
4. Volts
5. Amps
6. Battery %
7. Watts
8. Mounting Points



SPECIFICATIONS

- Suitable for use with: 12/24/48V Appliances
- Max Power Voltage: 48V
- Max Power Current: 20A at 12V
10A at 24V
5A at 48V
- Dimensions (mm): 100 (L) x 35 (H) x 20 (D)

| Battery Level (Guide Only) | | Battery Level |
|----------------------------|-------|---------------|
| 12V | 13.2V | 100% |
| 24V | 25.5V | 100% |
| 48V | 50.9V | 100% |

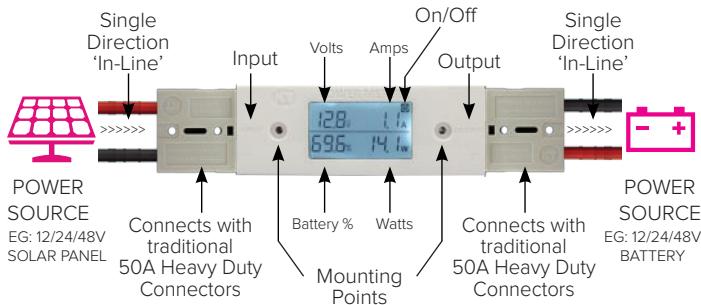
IMPORTANT INFORMATION:

Not suitable for mounting in vehicle engine bays. Suitable for use in temperatures of -30° to 80°C. When using the KT In-Line Power Meter ensure that the input voltage matches the output voltage. See example below:

12V Battery through input to 12V device through output
24V Battery through input to 24V device through output
48V Battery through input to 48V device through output

Failure to follow this guide may result in damage to applications.

SOLAR PANEL TO BATTERY READINGS (12/24/48V)

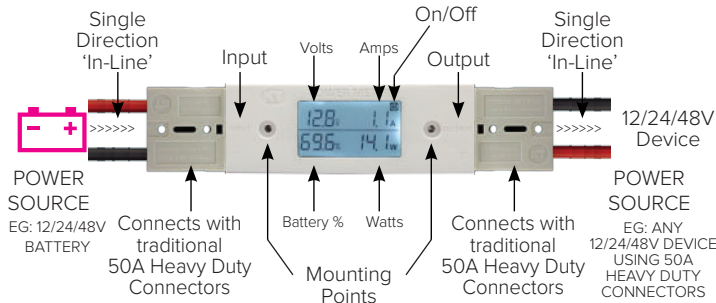


Will provide Volts, Amps, Watts and Battery Percentage readings from Solar Panel to Battery.

IMPORTANT INFORMATION:

Installation of a Solar Controller between Solar Panel and Battery is recommended.

BATTERY TO DEVICE READINGS (12/24/48V)



Will provide Volts, Amps, Watts and Battery Percentage readings from Battery to Device.

WARRANTY STATEMENT

Brown & Watson International Pty Ltd of 1500 Ferntree Gully Road, Knoxfield, Vic. telephone (03) 9730 6000, fax (03) 9730 6050, warrants that all products described in its current catalogue (save and except for all bulbs and lenses whether made of glass or some other substance) will under normal use and service be free of failures in material and workmanship for a period of one (1) year (unless this period has been extended as indicated elsewhere) from the date of the original purchase by the consumer as marked on the invoice. This warranty does not cover ordinary wear and tear, abuse, alteration of products or damage caused by the consumer.

To make a warranty claim the consumer must deliver the product at their cost to the original place of purchase or to any other place which may be nominated by either BWI or the retailer from where the product was bought in order that a warranty assessment may be performed. The consumer must also deliver the original invoice evidencing the date and place of purchase together with an explanation in writing as to the nature of the claim.

In the event that the claim is determined to be for a minor failure of the product then BWI reserves the right to repair or replace it at its discretion. In the event that a major failure is determined the consumer will be entitled to a replacement or a refund as well as compensation for any other reasonably foreseeable loss or damage. This warranty is in addition to any other rights or remedies that the consumer may have under State or Federal legislation.

IMPORTANT NOTE

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

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