

How do I calibrate my Stages Power Meter?

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Setting the "Zero Offset" or calibrating your power meter is an important part of the set up process, as well as an ongoing step to continue getting the most accurate readings from your power meter. The process within your head unit may vary, but the crank position will be the same no matter how you are calibrating.

How do I calibrate the zero offset?

How to Zero Reset in the StagesPower app

Calibration Time Out

Error Codes

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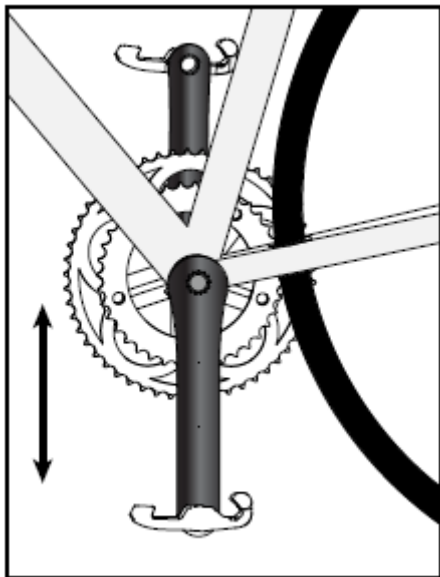
What is Zero Offset Calibration? (<http://stagescycling.freshdesk.com/support/solutions/articles/1000046294>)

How do I calibrate the zero offset?

Before attempting to calibrate or zero reset the power meter, ensure that a working battery is in use and rotate the power meter at least one revolution to ensure the power meter is awake and ready to communicate.

Crank Position

The crankset must be positioned vertically or straight up and down, with no weight on the pedals and the bike in a stable position.



Although the process for calibrating the zero offset will vary depending on the display manufacturer, these first two steps will be required for all head units and apps:

1. Rotate the power meter crank(s) one rotation to ensure the unit is awake. Verify that the power meter has been paired to and is communicating with the head unit.
2. Position the cranks vertically with the bike in a stable position. *Note: See error code #32 in the troubleshooting section below.*
3. Access the settings function of the head unit.
4. Select the power meter from the menu and select the “Calibrate” or “Zero Reset” function.
5. The LED indicator light will flash blue during the zero reset process (Stages Power L or LR units only), which should take a few seconds to complete.
6. Compatible head units may show a success message featuring the zero offset value(s) for one or both (Stages Power LR) sensors.

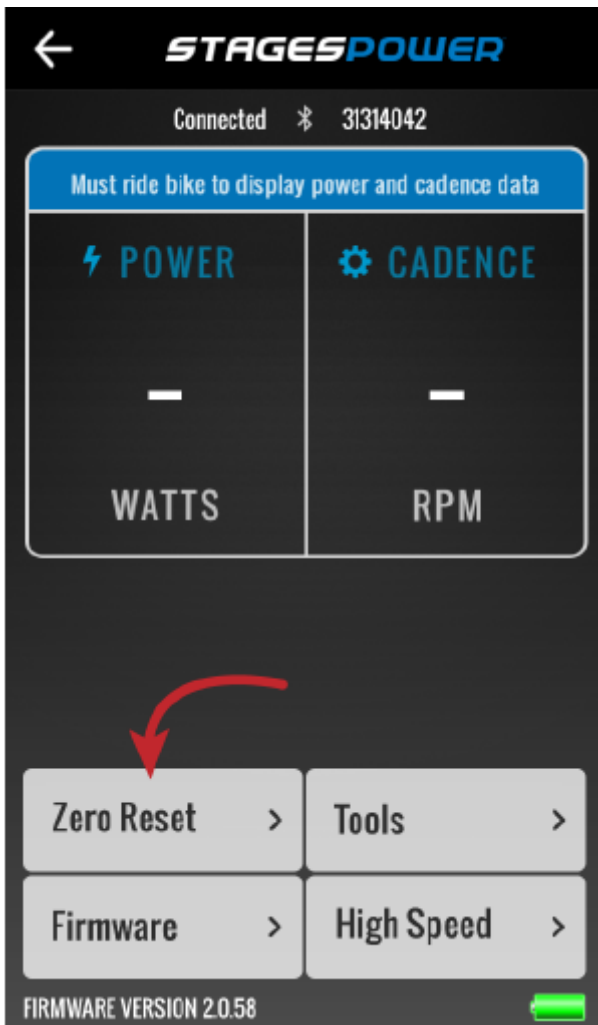
The instructions on how to calibrate for many major head units are included in the following article:

How do I pair my Stages Power meter to my ANT+ or Bluetooth 4.0 enabled device?

<http://support.stagescycling.com/support/solutions/articles/1000037974>

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Calibrating in the StagesPower App



Zero Reset Button on the Stages iOS App

You can perform a zero reset using the StagesPower app on your mobile device.

StagesPower Android App (<http://support.stagescycling.com/support/solutions/articles/1000104778>).

StagesPower iOS App (<http://support.stagescycling.com/support/solutions/articles/1000043208>).

1. Open up the StagesPower app on your mobile device
2. Spin the crank to activate the power meter
3. Select one or both (Stages Power LR) power sensors from the list and select connect
4. Position the crank vertically
5. Select "Zero Reset" from the app. The zero reset value(s) will be shown upon successful completion of the process.

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Calibration time out

When using a Garmin® display unit with other ANT+ sensors enabled (HR strap or Speed/Cadence sensor) it is possible the calibration process will take too long and time out before completion. To resolve this either turn off the enabled sensors on your Garmin while you calibrate your power meter (you can turn it back on once the power meter is calibrated) or make sure to pair your other sensors by wearing the HR strap on or spinning the wheel to activate the speed sensor and ensure it has been detected by the display before you attempt to calibrate the zero offset.

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Garmin Error Codes

An error code may be displayed if resetting the zero reset fails. Please note the possible error codes below and corrective action that should be taken.

Error Code #	Corrective Action
0	Rotate the power meter to re-awaken it and ensure the power meter is paired/connected to your head unit and re-attempt the zero reset
1, 2	Simply attempt zero reset again. If code remains after several attempts please contact Stages Cycling – Technical Support (http://support.stagescycling.com/support/tickets/new), or Stages Cycling Europe (http://support.stagescycling.eu/support/tickets/new).
32	Power meter crank not in proper position (vertical). Re-position cranks and attempt the zero reset again.

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Still can't calibrate or zero reset?

If you are still having trouble setting the zero offset value on your power meter, please **[open up a support ticket with Stages Cycling](http://support.stagescycling.com/support/tickets/new)** (<http://support.stagescycling.com/support/tickets/new>), or **[Stages Cycling Europe](http://support.stagescycling.eu/support/tickets/new)** (<http://support.stagescycling.eu/support/tickets/new>), or visit your nearest Stages Cycling dealer for assistance.

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