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CHIBATTERYSYSTEMS

**THE TITAN
SERIES**

FOR THE TALARIA XXX

TITAN X





72V

CELL VARIATIONS

| | P42A | 50S |
|------------|-------------|------------|
| AMP HOURS | 34AH | 40AH |
| WATT HOURS | 2448WH | 2880WH |
| CONT. AMP | 230A | 200A |
| PEAK AMP | 360A | 360A |
| CONT. PWR | 16.5KW | 15KW |

For technical and support questions please reach out to Support@Chibatterysystems.com

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INSTALLING YOUR TITAN X

There is not much needed to install your Titan X! However, we recommend having someone assist you with the battery swap. Its useful to have another person holding the bike while you change out the battery. The battery is designed to have a tight fit to help with vibrations when riding.

Tips and Tricks:

When opening the battery compartment make sure that the screws are all the way undone.

Insert the battery metal plate side down with the connector side pointing outwards.

If you are having trouble with fitment, removing the rubber padding on the bottom of the battery compartment door, will ensure an easier fit.

Arrange your wires like the photo shown below. Utilize the strap to hold the connectors in place.





BATTERY HEALTH

Low voltage cutoff: If you are using an aftermarket controller, make sure to properly set the low voltage cutoff to protect your battery from draining to the point of no return.

- 60V Titans: The lowest we recommend is 46.4V, which is 2.9V per cell group.
- 66V Titans: The lowest we recommend is 52.2V, which is 2.9V per cell group.
- 72V Titans: The lowest we recommend is 58V, which is 2.9V per cell group.

Storing your battery: Batteries should be prepared for storage based on voltage, not percentage. They should be stored near nominal voltage and periodically checked and charged to ensure they remain within the following ranges:

- 60V Titans: between 54.4V–57.6V
- 66V Titans: between 61.2V–64.8V
- 72V Titans: between 68V–72V

Keep your battery in a dry, temperature controlled environment during periods of storage. Storing your battery near 0% or 100% can result in permanent degradation and damage.

Balance charging: Balance charging can be a preventative measure – it keeps the voltage difference between cell groups to a minimum and helps counter major imbalances before they can occur. We recommend performing a 48 hour balance charge every few months.



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BMS**

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If you are an Android user you will need to download an XAPK installer from the Play Store. Once launched, you will be prompted to grant the permissions that the installer needs to operate. Once permissions are granted, tap install file, navigate to where you downloaded the XAPK file, and follow the prompts until the app is successfully installed.