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CHIBATTERYSYSTEMS

**THE TITAN
SERIES**

FOR THE TALARIA STING

72 COMPACT





SPECS

_____	AH	42.5Ah
	WH	3060Wh
	CONT. AMPS	300
	PEAK AMPS	450
	CONT. POWER	25KW
	CHARGED VOLT	84V
	VOLT CUT OFF	58V
	CELL	21700

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

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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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**SMART
BMS**

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To connect to the app for the first time, you will want to make sure your Titan is plugged in and charging. Once this is achieved, you should be able to find your device in the app. To select the correct view, you will want to choose "single cell" when first entering the app.

The only things you will need to use within the app are the **voltage, temperature, and cell levels**. Other aspects of the app will give incorrect readings, so don't be alarmed if your app looks like it's giving strange readings, such as the amount of cycles.

READING YOUR SMART BMS CELL LEVELS

You will find your individual cell levels under the name *Battery Strings*. Every once in a while you will want to make sure everything is balanced and within tolerance. Cell levels should stay even, but as your battery is used there will be some variation. If you have any questions about cell level differences please reach out to our support team!