

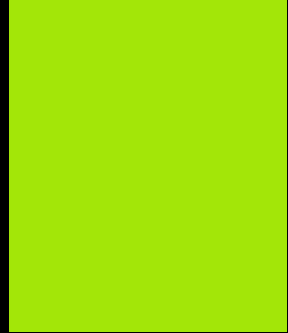
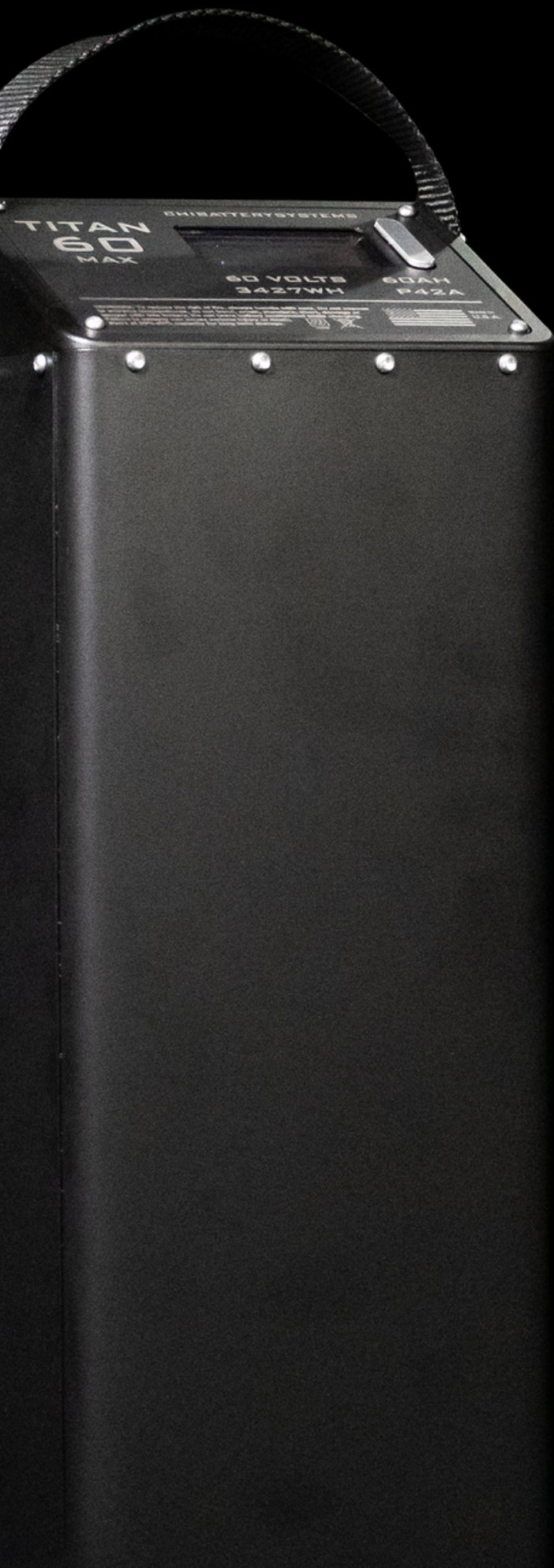
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CHIBATTERYSYSTEMS

**THE TITAN
SERIES**

FOR THE TALARIA STING

60 MAX





SPECS

_____	AH	60Ah
	WH	3427Wh
	CONT. AMPS	420
	PEAK AMPS	630
	CONT. POWER	28KW
	CHARGED VOLT	67.2V
	VOLT CUT OFF	46.4V
	CELL	MOLICEL 21700

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

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CONFIGURATION GUIDE

COMES PRE-CONFIGURED

BACKLIGHT CONTROL:

While on the main screen, press the bottom button to toggle the backlight on or off.

CLEARING THE CURRENT (A) AND WATT (W) READING:

While on the main screen, hold the bottom button for approximately one second before releasing it. This will reset the current (A) reading to zero.

SETTING THE PARAMETERS OF THE BATTERY AND THE FAULT ALARMS:

While on the main screen, press the top button to access the settings menu. The top button can now be pressed again to cycle through the following parameters:

"AH XXX.X": Rated capacity (amp-hours) of the battery

"FU XXX.X": Voltage of the battery once fully charged

These are used to calibrate the capacity readings on the main screen.

"HU XXX.X": Overvoltage alarm

"LU XXX.X": Undervoltage alarm

"HA XXX.X": Overcurrent alarm

These will cause either the voltage or amperage reading to flash if their respective conditions are met while riding. A setting of "000.0" will disable the alarm.

Once the desired parameter is selected, the bottom button can be pressed to increase the highlighted number by one. Waiting five seconds after changing a number will automatically skip to the next variable in the sequence.

To save any changes made, hold the top button for approximately one second before releasing it. If performed correctly, the screen will flash and the settings will be saved.

DISPLAY GUIDE

Titan must be **CHARGED TO FULL** before first use to calibrate your display.

To maintain accurate capacity (AH) and percentage (%) readings leave the screen on while riding and when charging* The screen is unable to detect changes to capacity when off.

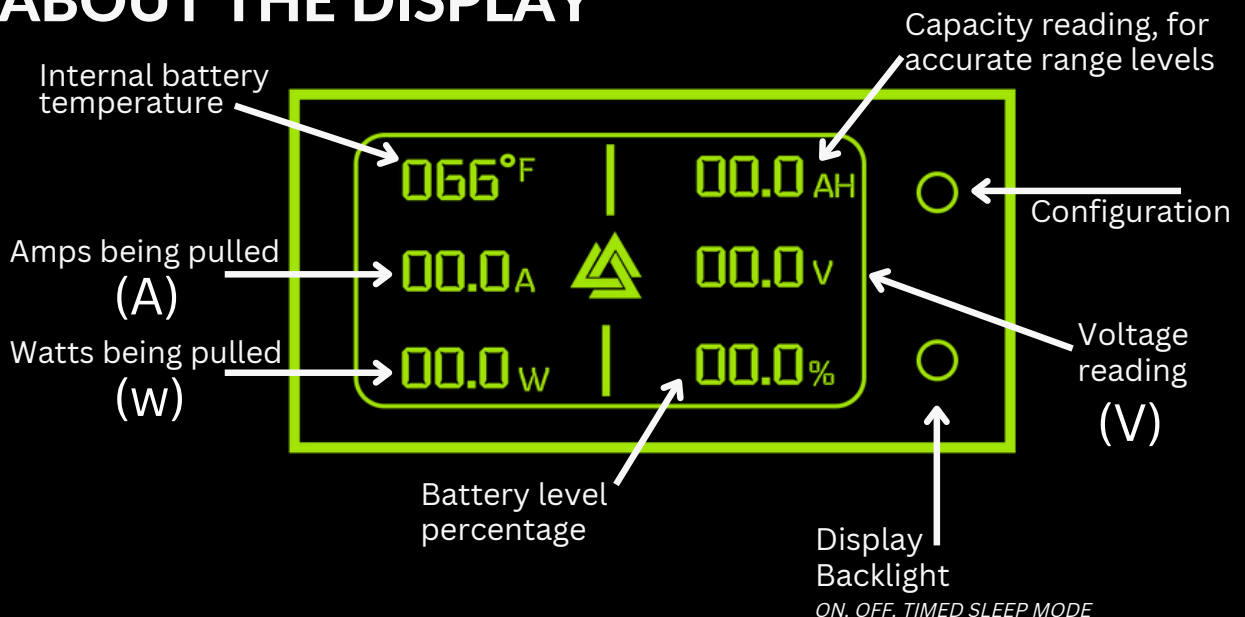
*Your display recalibrates every time you charge it to full, regardless if it is on or off. It only needs to remain on during charging if you are not charging all the way.

If you forgot to turn your display on during your ride and the percentage / capacity is not accurate, charging to full will resolve it. Your Voltage (V) will always be accurate no matter what.

Your display will come preconfigured so there is no need to do anything on your end. If you are curious about configuration, or accidentally set something you did not mean to, please refer to the configuration page.

The new display is meant to give you a more in-depth experience with your battery. With Voltage, Amp Hours, Watts, percentage, Amps, and temperature readings readily available, you can be totally in-sync with your battery.

ABOUT THE DISPLAY





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!