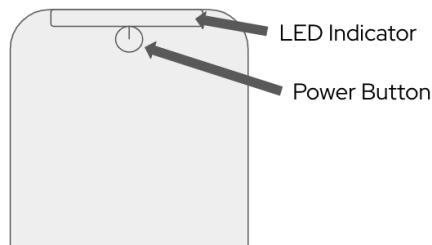


# Vvolt Stellar Series Ebike Battery User Guide

## Battery Specifications

<b>Product Name</b>	CelXpert Ebike_SE085-M26-37
<b>Nominal Voltage</b>	36V
<b>Nominal Capacity</b>	10.4Ah / 374Wh
<b>Cell Type</b>	Lithium-ion 18650
<b>Dimension / Weight</b>	420 x 68 x 76.4 mm / 2.5kg
<b>Protection</b>	Over-charge voltage . Over-discharge voltage . Over-discharge current . Over-temperature discharge
<b>Communication Interface</b>	CAN Bus
<b>Certification</b>	ISO13849 IEC62133 UN38.3

## LED and Button Position on Battery



## Battery Operation

**Turn on:** long press the power button for 5 seconds. The LED indicator will show battery level (blue, green, red, red flashing) on awaking

**Shut down:** long press the power button for 5 seconds. The LED indicator will flash Red/Green/Blue twice and the battery will be in "Sleep Mode", great for long term storage.

**\*\*Note\*\*** The battery pack will self-enter "Sleep Mode" after 36 hours without use! If your handlebar display does not turn on after 36 hours without riding, check to see if your battery is in "Sleep Mode".

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## Charging Indication

**Battery:** While charging, the battery's LED indicator will blink green every 1 second, and turn off once fully charged.

**Charger:** The charger LED will be green when unplugged from the battery, red when plugged in and charging, and green when the battery is fully charged and plugged in.

**\*\*Note\*\* Our UL-listed chargers will automatically shut off upon reaching full charge and will not float-charge the battery.**

## Battery Level Indication

Once the battery is on, short press the battery power button to assess the charge level:

Battery Capacity LED Indication (LED R/G/B)	Remaining Battery Capacity
LED Blue Static Light	95~100%
LED Green Static Light	21~94%
LED Red Static Light	11~20%
LED Red Blinking	0~10%

## Battery Alarm Lights

**Reboot procedure:** Long press the battery power button for 5 seconds, wait 5 seconds, then long press the power button for 5 seconds.

Alarm Type	LED Behavior	How to Recover
Warning Indicator	LED Red & Green Flashing	Reboot the battery or charge with Vvolt charger
Recoverable Protection	LED Red & Blue Flashing	Reboot the battery or charge with Vvolt charger
Un-recoverable Protection	LED Blue blinks twice per second	Contact Vvolt

## Long Term Battery Storage

Your Vvolt battery should be stored in a cool, dry place away from direct sunlight and heat sources, ideally between 41 – 68°F and between 40-60% charge. It is also important to avoid storing the battery in a fully charged or fully discharged state, as this can damage the battery over time.