

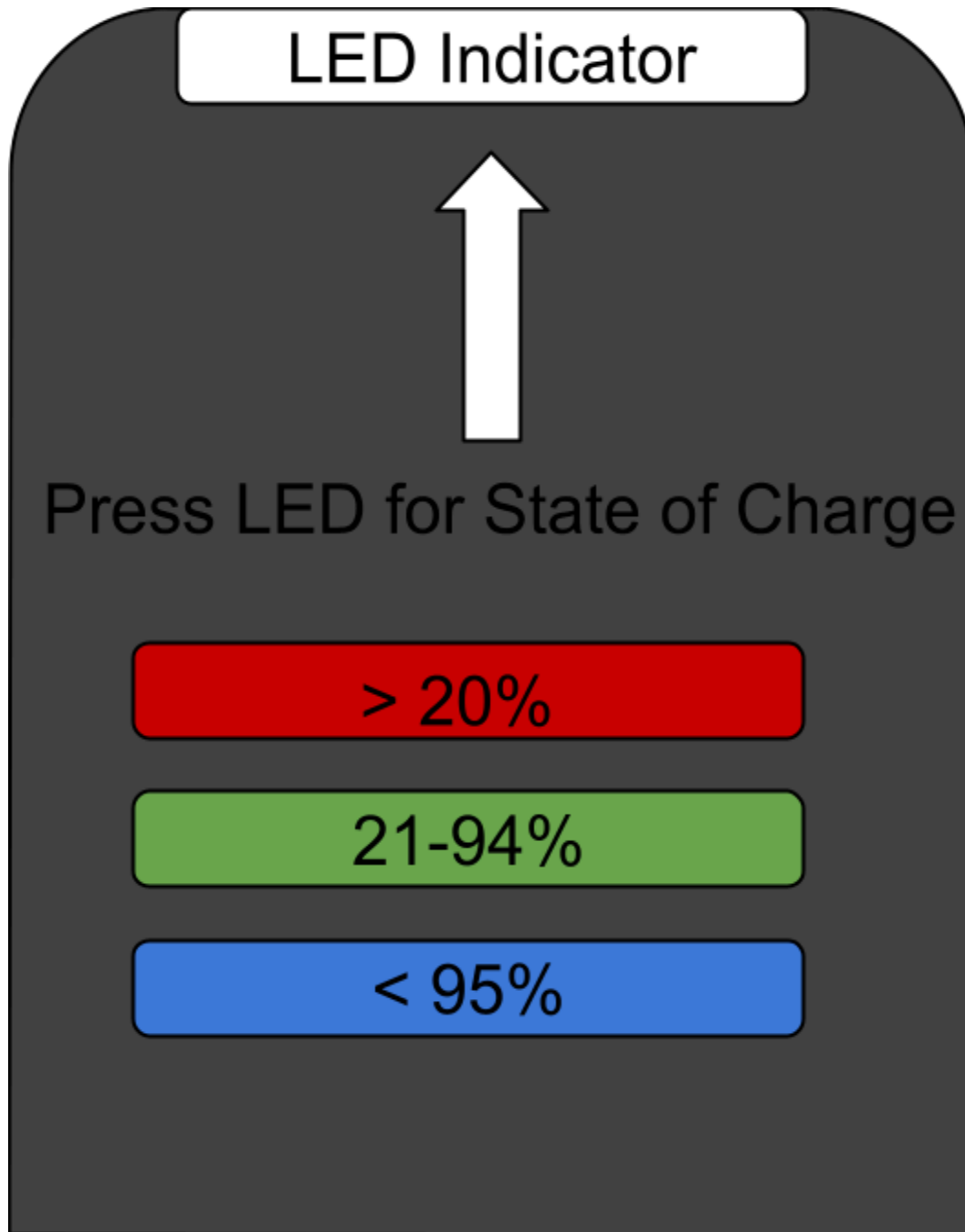
# VVOLT RANGER BATTERY GUIDE

## Battery Specifications:

<b>Product Name</b>	Vvolt Ranger Battery (Lithium-Ion 10S4P Battery)
<b>Nominal Voltage</b>	36V
<b>Nominal Capacity</b>	10.4Ah / 374Wh   14Ah / 504Wh
<b>Cell Type</b>	Lithium-ion 18650 / 2170
<b>Max Charge Current</b>	3 A
<b>Max Discharge Current</b>	15 A
<b>Maximum Charge Voltage</b>	42 V
<b>End of Discharge Voltage</b>	27 V
<b>Charging Temperature</b>	32-95 degrees F
<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>	CANBUS/UART
<b>Certification</b>	UL2271 ISO13849 IEC62133 UN38.3

# VVOLT RANGER BATTERY GUIDE

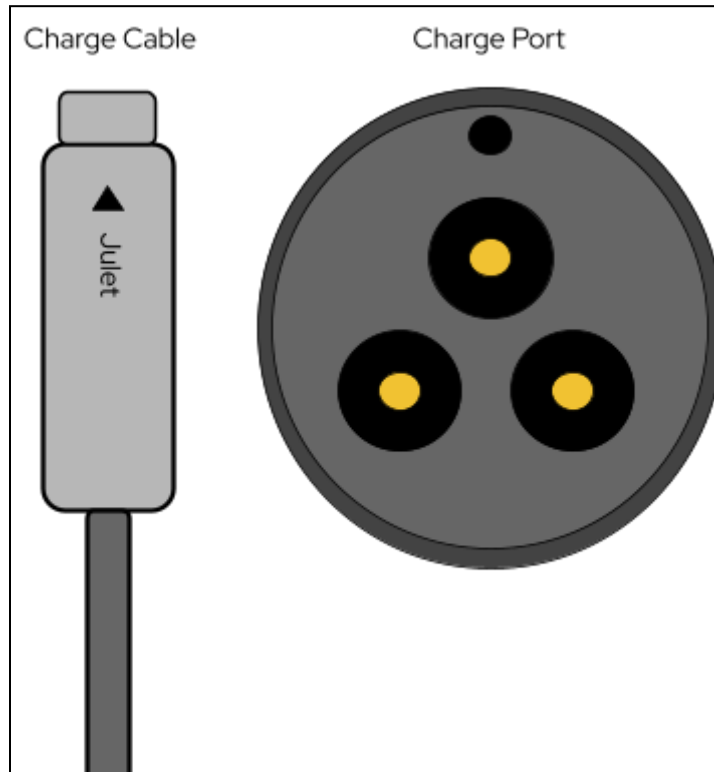
LED Indicator:



# VVOLT RANGER BATTERY GUIDE

## Charging:

Align the arrow on the charge cord with the dot on the charge port and gently press it in until fully seated:



## Charging Indications:

- **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.
- **Battery:** The battery LED indicator **will not** illuminate
- **Bike:** The bike **will not** power on while charging.
  - **\*Do not attempt to power on the bicycle while charging\***

## Long Term Battery Storage:

Your Vvoltage 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.

## Troubleshooting:

Please contact Vvoltage if you have any issues with your battery!