



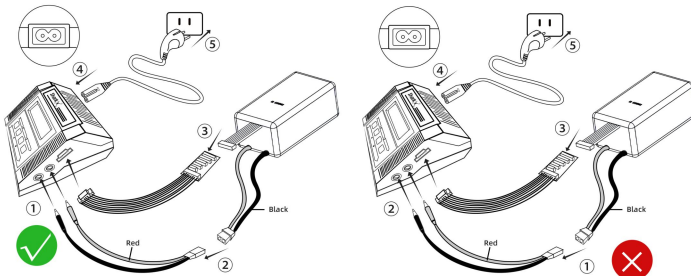
**SMART FISHING DRONE**

**Guide for Charger**

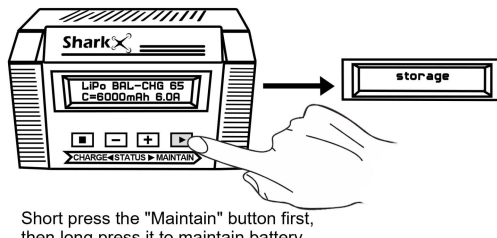
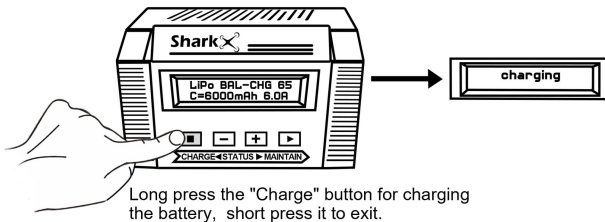
**CAUTION:** regularly charge both the drone battery and remote controller every month to avoid battery over-discharging, which may cause the batteries not to charge. For ensuring the longevity of the battery - when leaving for long periods please store at approx. 50% battery charge.

## Charge the Drone Battery

- Only charge the battery with the provided battery charger
- Connect all cables properly before powering on the charger at the wall socket



**WARNING** DO NOT POWER ON THE CHARGER AT THE WALL SOCKET UNTIL THE CABLES ARE ALL CONNECTED PROPERLY



**Note:**

Considering the potential battery-life loss caused by regular high-power fast charging, we recommend doing a battery **maintenance** every 3 months, which can protect the battery from the battery-life loss. When 'storage' appears on the screen, the charger will provide maintenance to the battery.

In the event that the battery has not been used for a long time (such as 1 month), it is recommended to perform a maintenance first before charging.

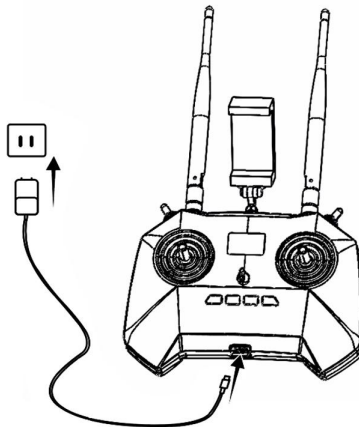
It takes approx. 2 hours to fully charge the drone battery. When the battery is fully charged:

- Unplug the power cord from the power supply
- Disconnect the charging cables with the SharkX battery and the charger
- Disconnect the power cord with the battery charger.

**Notice** always charge the battery when the temperature is between 10°C and 45°C. The charger will stop charging if the temperature is not within the range.

## Charge the Controller

- The charger should be only used for charging the SharkX remote controller. Do not use it to charge other devices such as a laptop.
- Connect the charger with the controller, and insert the plug into the power supply.

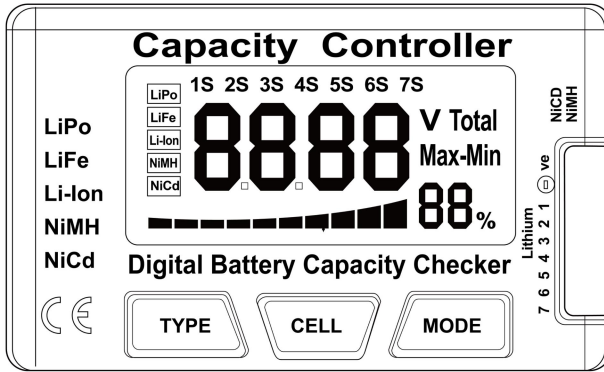


It takes approx. 3.5 hours to fully charge the controller. When it is fully charged:

- Unplug the power cord from the power supply
- Disconnect the charging cable with the controller

**Notice** always charge the controller when the temperature is between 10°C and 45°C. The charger will stop charging if the temperature is not within this range.

## Battery Capacity Checker Instructions



	LiPo	LiFe	Li-Ion	NiCd	NiMH
Input Cells	1~7 cells	1~7 cells	1~7 cells	4~7 cells	4~7 cells
Total Voltage	√	√	√	√	√
Total Cell Battery Capacity(0-99%)	√	√	√	×	×
Individual Battery Cell Voltage	√	√	√	×	×
Lowest Cell Voltage	√	√	√	×	×
Highest Cell Voltage	√	√	√	×	×
Voltage Difference between Highest and Lowest Cell Voltages	√	√	√	×	×

**Notice** please read the instructions carefully

### Balance function

Long press the first button, LIPO/LIIO will blink, says it is in balance, balance process according to the second button can view each battery voltage, balance is to take the battery in the lowest section as the benchmark to discharge balance.

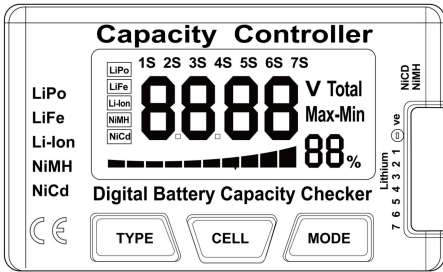
### Battery checker layout

#### Buttons:

Battery Type: NiCd/NiMH, Li-Po, LiFe, Li-Ion

Cell Number: NiCd/NiMH(4~7 cells), Lithium type (1~7 cells)

Display Mode: battery cell voltages, total voltages, lowest cell voltage, highest cell voltage, voltage gap between highest cell voltage and lowest cell voltage, remaining battery capacity (%)

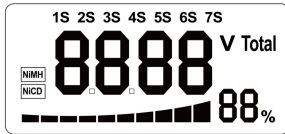


← NiCd/NiMH Type Battery Input

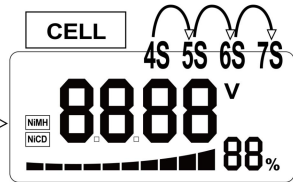
← Lithium Battery Input  
(Using balancing connector)

## NiCd/NiMH TYPE BATTERY

· Battery total voltage



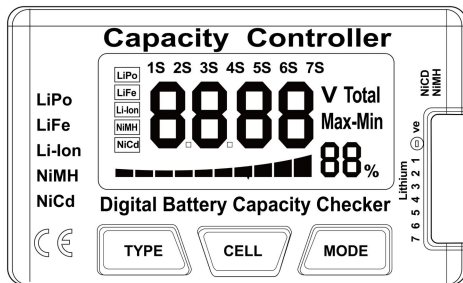
· Set cell numbers



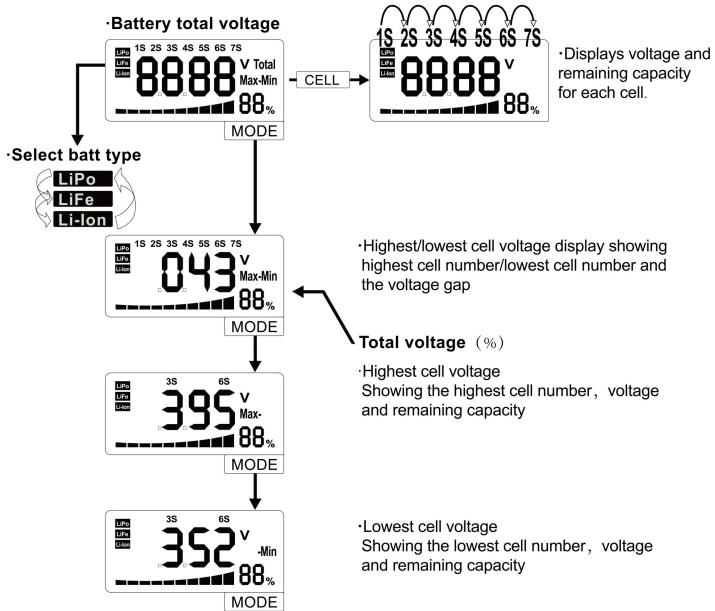
Total voltages, and remaining capacity (%)

n.b. The capacity shown for Nixx type cells is not accurate and should not be relied upon.

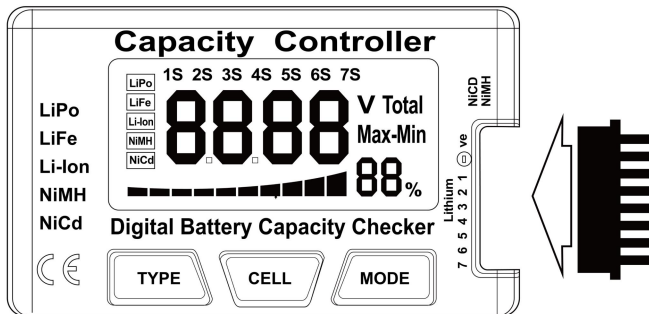
NiCd and NiMH batteries for the TX and RX (4~7 cells) can be connected to this capacity checker.



## LITHIUM TYPE BATTERIES



JST EH and JST XH type plugs on lithium battery packs can be directly connected to this battery checker.



When using with Thunder Power/Flight Power and Poly quest type batteries, it is necessary to use an adaptor board with balance adaptor board lead.

FS-BLEAD Balance Adaptor Board Lead.

FS-BAPQ Balance Adaptor Board Poly Quest.

FS-BATP Balance Adaptor Board Flight Power/Thunder Power