

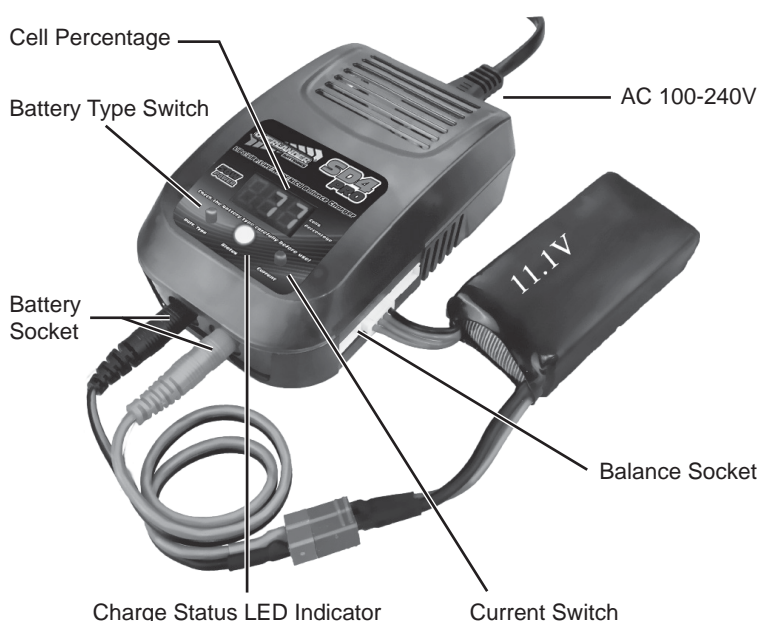


# SD4 Pro Manual AC Balance Charger

## FEATURES

- ▶ The digital display on the charger shows the power percentage of each cell.
- ▶ The charger can support LiPo/LiFe/LiHV/NiMH and NiCd batteries.
- ▶ It has a maximum charge rate of 4A.

## APPEARANCE



## SPECIFICATIONS

- ▶ Input Voltage: AC 100V-240V
- ▶ Output Power: max. 50W
- ▶ Charge Current Power: 0.5A / 1A / 1.5A / 2A / 2.5A / 3A / 3.5A / 4A
- ▶ LiPo/LiFe/LiHV cell count: 2-4S
- ▶ NiMH/NiCd: 4-8S

## CHARGING PROCESS

- 1) Power on the AC power supply. The LED light should start flashing green.
- 2) Choose the correct battery type (LiPo/LiFe/LiHV/NiMH/NiCd). Hold down the "Batt. Type" button for 2 seconds to scroll through the options. NiMH and NiCd batteries will both be charged using the "NiH" option.
- 3) Choose the desired charging current (0.5A/1A/1.5A/2A/2.5A/3A/3.5A/4A). Press the "Current" button to scroll through the options.

- 4) Connect the battery to the front of the charger using the correct charge lead for your battery. If the battery is a LiPo/LiFe/LiHV, then please ensure the balancing lead is also connected.
- 5) Once the battery is connected, the charging commences. During this process the LED light shows constant red. If the battery connected is a LiPo/LiFe/LiHV then the digital display shows the power percentage of each cell within the battery. If the battery connected is a NiMH or NiCd then the display shows the total voltage of the battery pack.
- 6) When the charging process is complete the LED light changes to constant orange, this shows that the charger has gone into CV (constant voltage) mode.
- 7) Once all the stages of the charge are complete the LED light will show constant green. You can now disconnect the battery. The LED light will start flashing green, indicating you can start a new charge.

## NOTES

- 1) Please ensure that the correct battery type is chosen prior to choosing the charge rate.
- 2) Please ensure that the correct parameters for the battery are selected prior to connecting the battery to the charger.
- 3) Once the battery is charging please do not change the battery type.
- 4) If the LED light starts flashing red, then the battery needs to be re-connected.
- 5) Please keep the charger away from dust, moisture, rain and heat, direct sunlight and shock. Please be careful not to drop the charger.
- 6) Chargers and batteries must be placed on an insulated, non-flammable and insulated surface. Keep all flammable and volatile matter away from the operating area.
- 7) **WARNING!** Do not use the LiHV mode to charge LiPo or LiFe packs. This mode is only compatible with lithium batteries that have 4.35V per cell.

## WARRANTY

We warrant this product for a period of one year (12 months) from the date of purchase. The guarantee applies only to such material or operational defects, which are present at the time of purchasing the product. During that period, we will replace without service charge any product deemed defective due to those causes. You will be required to present proof of purchase (invoice or receipt). This warranty does not cover the damage due to wear, overloading, incompetent handling or use of incorrect accessories.