

## AC-LiPo3Charger-000

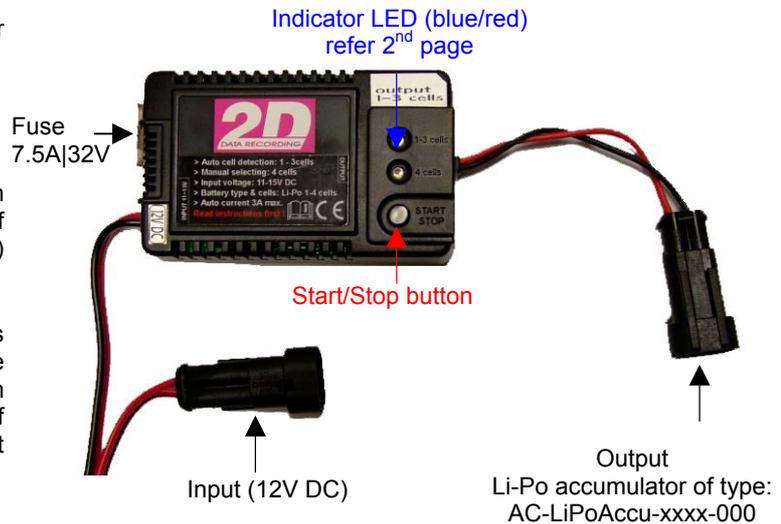
## Lithium Polymer accu charger

### Function

- To charge 2D Lithium Polymer accumulators of type: AC-LiPoAccu-xxxx-000

### Characteristics

- The Li-Po charger has been developed to provide a way of charging Lithium-Polymer (Li-Po) cells.
- During the entire charge process the special Lithium charge program calculates the optimum current for each phase of charging, with a maximum current of 3 Amps.



### Technical specifications

#### Electrical characteristics

Input voltage.....	11-15 V DC
Battery type..... (3.7V type only)	Lithium Polymer
Charge current (automatic).....	3 A
Indicator LEDs.....	blue   red
Safety functions:	
Reversed polarity (I/O)	Yes
Incorrect cell count.....	Yes
Voltage error.....	Yes
Circuit break (fuse).....	Yes

#### Mechanical characteristics

Dimensions (L / W / H).....	88 x 55 x 23 mm
Weight (approx.).....	112 g

#### Connections

Input (11-15V DC).....	AMP, 2PM
Output (Li-Po accumulators).....	AMP, 2PM

#### Ordering information

Art.No.:.....AC-LiPo3Charger-000

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## AC-LiPo3Charger-000

## Lithium Polymer accu charger

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### Operating instructions

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Using the charger for the first time:

- Connect your Li-Po charger to a 12V power source with adequate capacity
- Direct connection to "AC-PWR\_AC\_DC-universal-000" thanks polarity safely AMP connector

### Stand-by mode:

- When you connect the Li-Po charger to the power source, the blue LED starts flashing at three-second intervals.



**Caution:** If you press the Start/Stop button while the charger is in charge mode, the Li-Po charger reverts to Stand-by mode.

### Charge mode:

- Now connect a suitable Li-Po battery pack of type "AC-LiPoAccu-xxxx-000" to the output of the Li-Po charger.
- If you are charging a Lithium-Polymer pack consisting of one or three cells press the START/STOP button briefly after connecting the battery to the charger.
- You will hear a loud audible signal to confirm that the button was pressed, and the blue LED (for 1-3 cells) lights up; It continues to glow during the charge process.
- You can interrupt the charge process at any time by pressing the START/STOP button. The Li-Po charger reverts immediately to Stand-by mode.

### "Battery charged" mode:

- As soon as the battery reached 100% of charged capacity, the charger automatically switches off the process. This is indicated by the blue LED (1-3 cells) flashing at one-second intervals. You will hear an audible signal at one-second intervals; this signal continues for about 15 seconds.

### Error mode:

- If one of the following errors occurs, the Li-Po charger switches to Error mode. This mode is indicated by both LED's (blue and red) flashing. At the same time the unit emits and audible warning signal at one-second intervals. You can identify the type of error by counting the number of flashes from the two LEDs before a short pause occurs, during which you will again hear the audible warning signal.

LED	Error
1x	Input voltage below 10.5V or above
2x	Battery connected to charge output with reversed polarity
3x	No battery connected to charge output
4x	Incorrect cell count selected
5x	Incorrect battery type connected (e.g. Ni-Cd / Ni-MH)
6x	Problem with charger circuit.



If the charger does not work at all when connected correctly to a suitable power source, and fails to produce any audible or visual indicators, remember to check the fuse (7,5A / 32V). If the fuse has blown, remove it and fit an identical replacement fuse.