

- b. Li-Po batteries: multiply the total number of cells in the pack which are wired in series by 3.70. A 3-cell pack will have a nominal voltage of 11.1 volts (3 x 3.70), etc.
- c. Li-Ion batteries: multiply the total number of cells in the pack which are wired in series by 3.60. A 2-cell pack will have a nominal voltage of 7.20 volts (2 x 3.60), etc.

INPUT POWER

AC INPUT: connect the included AC power supply into a 110V 60Hz wall outlet. Then, locate the input lead along the top edge of Elite near the ON/OFF power switch and connect its banana plugs to the jacks located on the end of the AC transformer. Make sure to connect the red plug to the red, positive (+) jack on the power supply and the black plug to the black, negative (-) jack on the power supply. **Note:** The AC power supply has a maximum power rating of 15 watts. It can allow the cyclor to deliver a full 2.0 amps of charge current to any single output. However, maximum charge current is limited for EACH OUTPUT when BOTH outputs are trying to charge at high currents, as shown in the chart at right:

DC INPUT: to achieve Elite's maximum potential when using a DC input the power source must be capable of delivering at least 5 amps of current while maintaining 12 volts DC. Here, the maximum charge current which can be delivered to both outputs simultaneously is 2.0A each. There are two ways to connect the cyclor to 12V DC input power:

AC Power Supply: Maximum current PER OUTPUT when BOTH outputs are used		
# NiCd/MH Cells	Max. Charge Current	Max. Dsch Current
1-4	2.0A	2.0A
5	2.0A	1.65A
6	1.65A	1.40A
7	1.40A	1.20A
8	1.25A	1.00A
9	1.10A	0.90A
10	1.00A	0.80A
# Li-Po/Ion Cells		
1	2.0A	2.0A
2	2.0A	1.35A
3	1.35A	0.90A

1. Connect the banana plugs on Elite's input cord directly to banana jacks on a separate DC power supply. Or, for use at the flying field, connect the input lead to the starter jacks on a field box power panel. Always connect the cyclor's red lead to the power source's positive (+) terminal and the cyclor's black lead to the negative (-) terminal.
2. A unique set of alligator clip adapters are included for connecting the input leads to DC power sources which do not have banana jacks. Inside the handle of each alligator clip is a female banana jack. Securely slide the input lead's banana plugs into the female jacks on the alligator clips. Attach each alligator clip onto the terminals of a 12V battery or power supply noting proper polarities.

WARNING! Never accidentally short together the positive (+) and negative (-) input connections when connected to 12V DC power. Failure to do so could result in permanent damage to the power source and the charger. It's recommended to disconnect the charger from input power when not in use.

Accu-Cycle Elite's maximum power dissipation during discharge is 10 watts (regardless if input power is from AC or DC). Elite can discharge at the maximum 2.0A when only one output is being used. However, maximum discharge current is limited for EACH