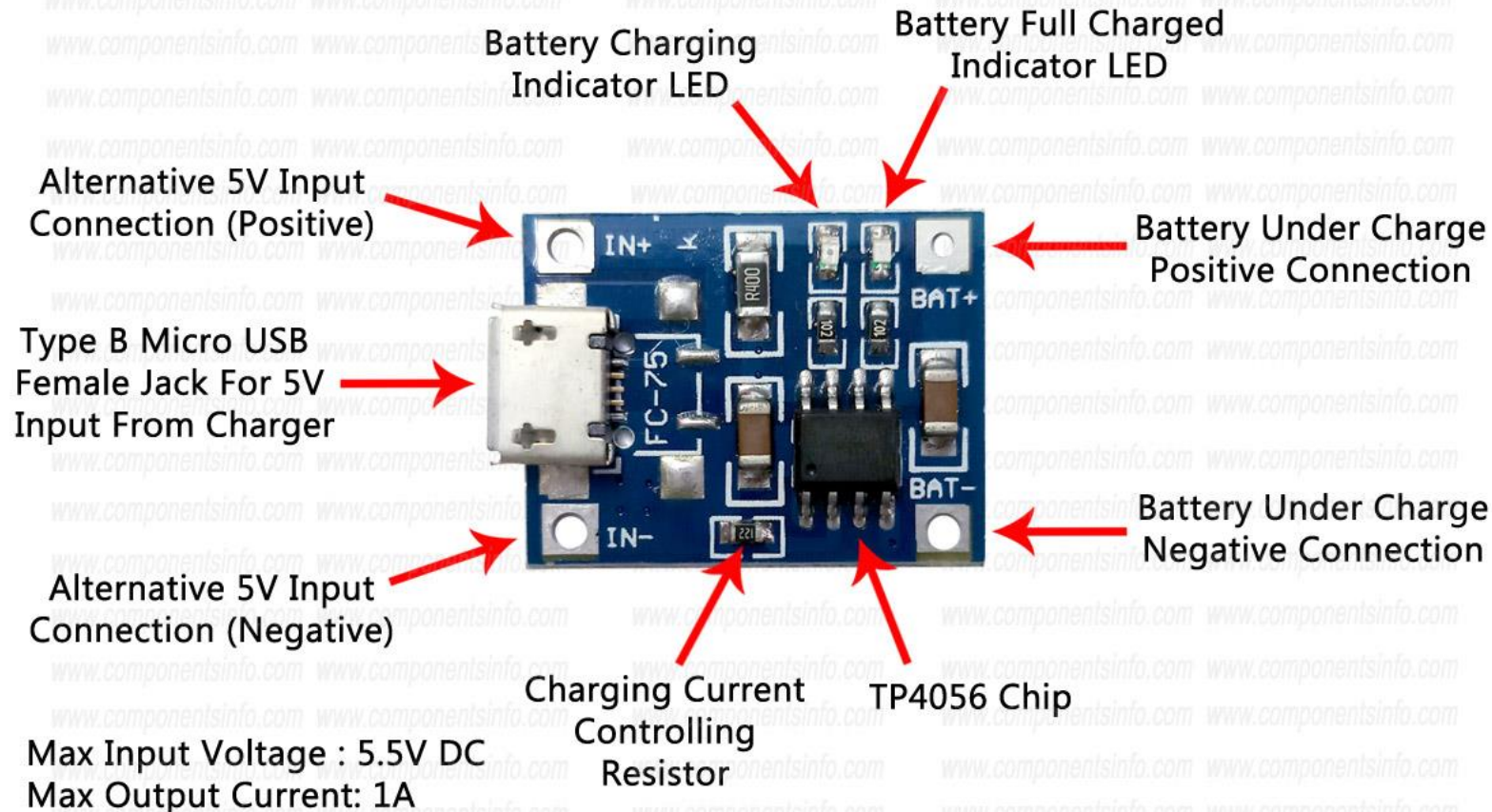


TP4056/TP5100 Charge Current Setting

TP4056 3.7V Li-ion Battery Charger Module Pinout & Details



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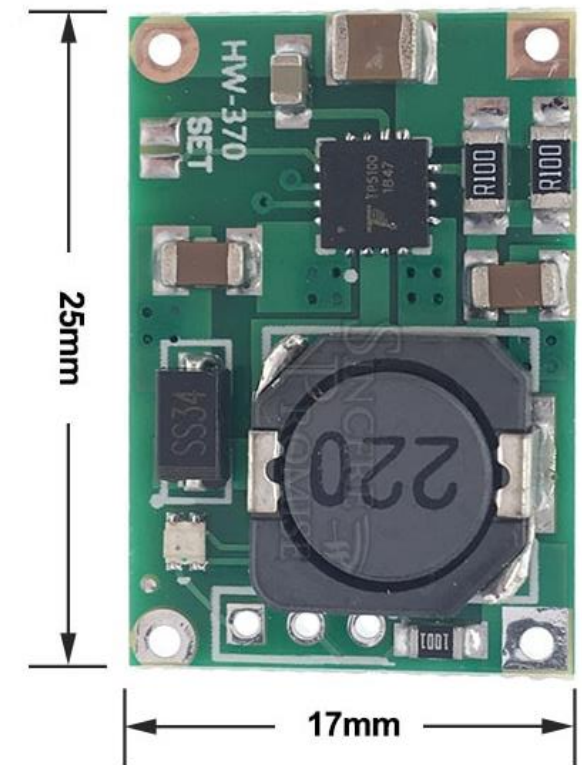
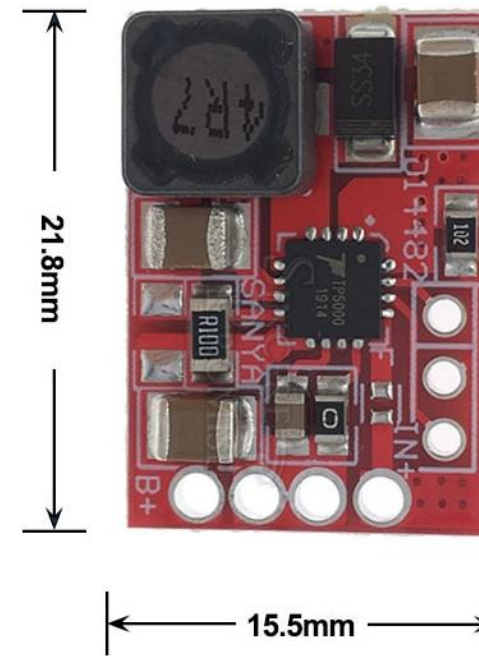
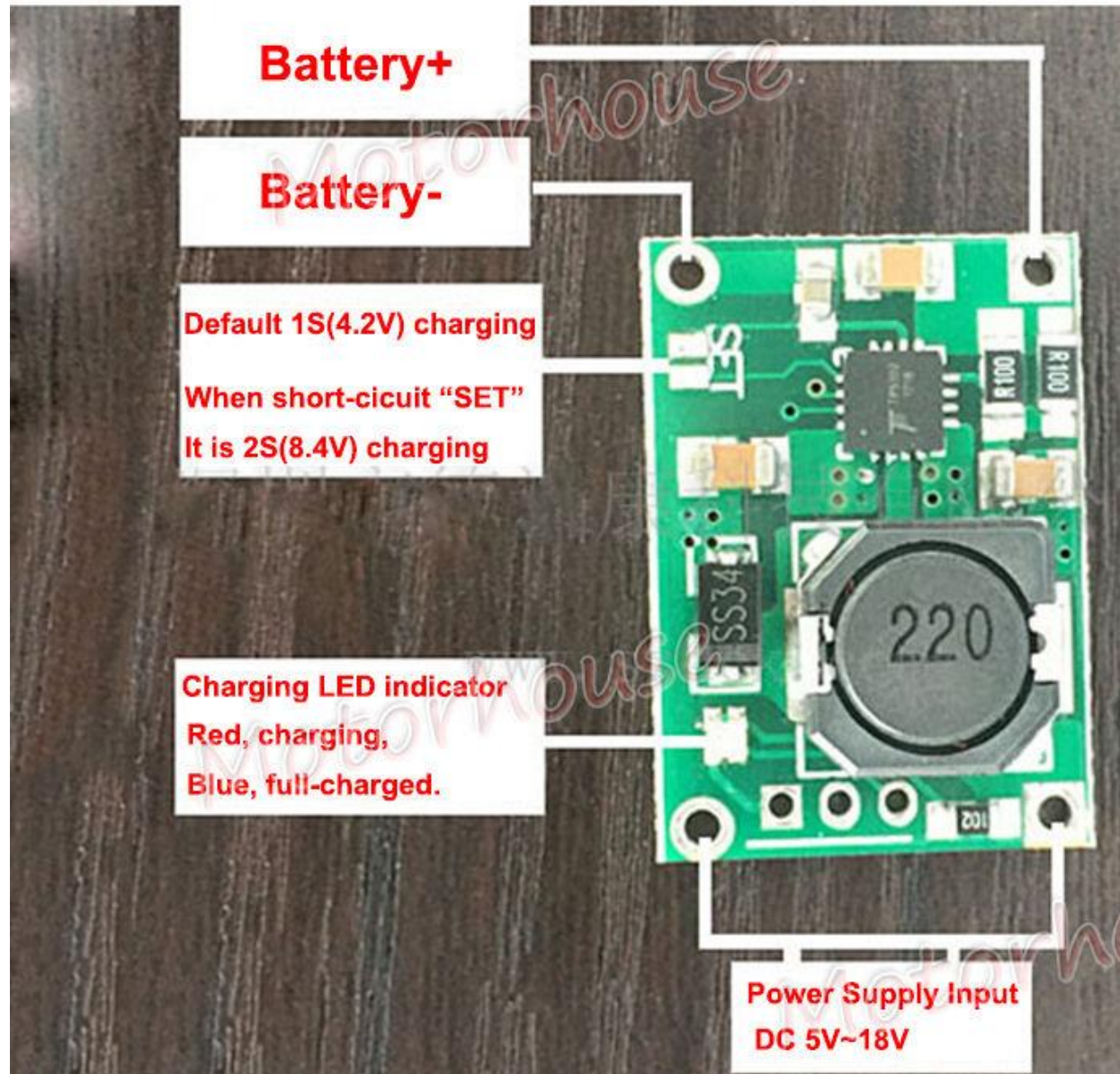
Output Current Controlling Resistor:

The output charging current of the module can be controlled by a single resistor shown in the above module image. For getting a desired current you have to change this resistor according to your charging current requirements. Here is the list in which you will find which value of resistor will provide how much maximum output current to the battery.

Resistor Value	Output Current
10K Ohms	130mA
5K Ohms	250mA
4K Ohms	300mA
3K Ohms	400mA
2K Ohms	580mA
1.66K Ohms	690mA
1.5K Ohms	780mA
1.33K Ohms	900mA
1.2K Ohms	1000mA

2A Charing Module

for Lithium Li-ion 18650 battery
1S 3.7V 4.2V / 2S 7.4V 8.4V



R_s (Ω)	I_{BAT} (mA)
1	100
0.2	500
0.1	1000
0.067	1500
0.05	2000