



Name: **USB Lipo Charger**
Code: **MR010-001.1**

This small circuit can recharge in an extremely simple way Li-Po and Li-Ion cells. Using a jumper with two positions you can select two possible values for the charging current, 100mA and 500mA; the correct value should be chosen in consultation with the characteristics of the battery.

The board includes the charging circuit, the JST connector for the battery, and a LED that indicates the in progress charging status.

If the JST connector is not suitable, you can take the voltage for the battery even from a 2-pin strip connector that eventually can be connected to a cable adapter for your battery.

The power is taken from the mini-USB connector that can be connected to any PC or mobile phone chargers.

CHARACTERISTICS

<i>Parameter</i>	<i>Value</i>
Charge current	100mA / 500mA
Dimensions	1.15" x 0.5"(29.2 x 12.7 mm)
Weight	0.1 oz (2.6g)

Tab.2 – Characteristics