

## Lipo for Arduino cards USB-B and USB-mini

<p><b>LipoUno</b></p> <p>250mA LiPo with voltage and short protection.          Recharge current is ~80mA.          Charging occur when connected to USB, with or without the Arduino board connected.</p>	
<p>You just need an adapter?          USB-B cables are long and not flexible. With the adapter, you can use a convenient USB roll-up cable.</p>	
<p><b>LipoMini</b></p> <p>250mAh LiPo with voltage and short protection.          Recharge current is ~80mA.          Charging occur when connected to USB, with or without the Arduino board connected.</p>	

For years, we have used 3.7V LiPos on many application, with various sensors. It's so easy, but check your application with a 3.0V supply to be sure of the good operation over LiPo voltage.

<p>The LiPo is charged while the board is powered for programming. If board is removed, charge continues. If USB is disconnected, the Lipo module is ready to power the board.</p> <p>The switch can stay on all the time when connected. As the schematic shows, the two LEDs that indicate LiPo voltage are ON when the switch is closed. Led intensity of the second Led gives a good idea of the LiPo voltage.</p>	
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