

Sun bender USB Smartphone Charger with Meter - soldering required (PSL15)

General Description

The PSL15 is the perfect do-it-yourself kit to learn about solar energy and build something you can really use. Includes everything you need except for 4 AA NiMH batteries. The kit includes a high output USB board that can charge even the "power hungry" phones like the iPhone 5. As long as you have enough power in your AA's from solar charging, this charger will charge your Smartphone as fast as if it was plugged into the wall outlet. This do-it-yourself solar kit requires basic soldering skills and basic construction assembly skills.

Toggle switch lets you switch from reading digital meter to turning on USB output and also turning off unit when not in use. The solar panels charge the AA batteries whenever they are in the sun and digital meter give you a "gas gauge" to let you know the state of charge. Also a LED indicator light on the USB board shows green, when it is "on" and red when it is "not enough power to output to USB". Finally the kit includes two 3V 200mA polycrystalline solar panels.

In the package full color instructions with pictures are included. The kit comes with a plastic case that can be used as the charger housing (like is shown in the picture below, decorated with duck tape). You can also use the parts and build the solar charger into your own housing, backpack, wooden box or almost anything. You can be as creative as you want.

It is great for Physics, Environmental Science, and Renewable Energies classes as a hands-on lab and ideal for students from high school to even college. It makes a great science project, a great parent/child project and even can be a great addition o any survival tool kit so it can be used for backpacking, boating, hiking etc.

Technical specifications:

- USB voltage regulator pcb
- four AA battery holder
- Digital voltmeter
- Toggle switch
- Wires and misc. hardware
- Weight: 1kg



Μοναστηρίου 7, 14565 Άγιος Στέφανος

Τηλ. 211 70 58 321 Φαξ: 211 74 06 171

E-mail: info@axiatech.gr Website: www.axiatech.gr