

p o r t a p o w

Solar USB Battery

Thanks For Your Purchase

This is a battery pack for powering portable electronics including smartphones, satnavs, speakers and tablets. It can power almost any device which charges from a computer's USB socket or a 5V mains adaptor.

Charging the Battery

The pack uses a micro USB input socket, it can be used with any charger with a matching shape connector - most modern mobile phone chargers will work. The cable included with the pack also allows you to charge it from any USB socket, such as found on a computer or iPhone/iPad mains charger. The blue lights will flash during charging and will be constantly lit when full.

The battery also charges from the Sun. Leave it in direct sunlight and angled towards the Sun as closely as possible for the fastest charging rate. The red LED will illuminate when the pack is charging, although this may be at a very low rate. In hot sunny weather the maximum charging current is 240mA, enough to give a boost but not enough to let you rely solely on solar power to power your gadgets. The panel used is approximately 50% more efficient than a standard monocrystalline panel in low/medium light, providing excellent performance for the size. Plug in a PortaPow USB Solar Panel to charge the pack at a much faster rate.

Using the Battery to Charge or Power Your Devices

Connect a cable to the USB socket on the pack. It can output upto 2.1A, and also works fine with devices which will charge at a slower rate. The cable is supplied with a number of interchangeable tips, connect the one which matches the socket on the device you wish to charge. You can also use your own USB cable if it supports USB charging, and we also offer more tips and cables on our website so the pack can be used with an even wider range of devices.

By default, the pack is in a sleeping state. Push the button to wake the pack, and a number of LEDs will turn on for a few seconds to indicate the amount of energy remaining. Your device can now start charging. The pack can be charged and output

power at the same time. If no device is drawing power for some time, it will return to a sleeping state.

Hints & Tips

- When charging the pack from a computer, connect to a USB socket directly on the computer. Sockets found on USB hubs and keyboards may not output as much power.
- The pack will only reach optimal capacity after it has been charged and discharged a number of times.
- There is no need to wait until the pack is empty before recharging, and there is no need to fully charge it each time.
- Some devices will keep their screen on while being charged. This is a waste of power, keep the screen off when possible.
- If you plan to store the pack for over 3 months without using it, leave the pack approximately 50% charged. The same advice applies to all devices with a built in battery.
- The supplied cable will charge your device from any USB socket. It also allows you to charge from a PC at a much faster rate than is possible from a normal data cable. This and other charging products are available from PortaPow.
- The Samsung Galaxy Tab / Note 10.1 uses a different specification and may not charge from universal USB chargers such as this. Search for the 'PortaPow Galaxy Tab Micro USB Adaptor' for a solution.

- The Asus Transformer Prime will also not charge from universal USB chargers.

Safety Notice

- Do not modify, disassemble, open, drop, crush puncture or shred the product.
- Do not expose to water, fire, harsh chemicals, soaps or detergents.
- This product is not a toy, keep away from small children.
- Do not leave in an excessively hot environment, such as a locked car on a very hot day.

Specifications

Chemistry	Lithium polymer
Capacity	6000mAh (22.2Wh)
Output power	2.1A 5V (10.5W total)
Charging efficiency	>95%
Expected lifespan	300-500 charges or 3-5 years
Dimensions	12.7cm x 8cm x 1.6cm
Weight	186g
Solar Panel	1.2W High Efficiency Mono Crystalline
Guarantee	1 Year

Further Information

Contact us: info@portablepowersupplies.co.uk

More details on the battery, the latest version of this user guide:
www.PortablePowerSupplies.co.uk

Other Products

We specialise in chargers and offer a range of innovative products, visit our website for more information:

- A cable to double the speed that your iPhone or iPad charges from a computer.
- A mains charger that changes colour when its finished.
- A solar panel that can charge as fast as a mains charger.
- A battery pack that charges AA batteries and then uses them to charge your gadgets.

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