

<http://www.china-macro-solar.com>



Solar backpack MS-B02

Backpack size (LxWxH): 32*21*47cm
Fabric: 1860D Nylon, Wider shoulder belt
1 piece solar panel, Panel size: 180mm*130mm
Solar power: 6V, 450 mA, 2.7W
Includes a 2,200mAh Li-Ion battery pack
output voltage(max): DC5.5V
output current(max): 650 mA

The Macro solar bags are mobile power generators, designed to charge your devices without tying you to a power outlet, which makes them ideal for traveling and camping.

It combines by four parts: bag + solar cell panel + battery box + adapters
Solar bag can recharge most small electronic devices including: cell phones, cameras, PDA's, GPS, PSP games player and MP3s. Note: it is not designed to charge laptops.

The bags come with a set of standard adapters for common cell phones and other devices. We also offer a full range of optional adapters.

Embedded in the outside of the bags are three lightweight, tough, waterproof solar panels which generate up to 2.7 - 4 watts of power. This means quicker charge times!

Included with each bag is a Li Ion battery pack which stores any surplus power generated, so it is available when you need it not just when the sun is up. The battery pack can also be charged using an AC travel charger or car charger (both included). It means you don't need to bring different adapters

again for different electronic devices if you have one solar system in the bag.

Specifications of Battery Box		
Output Voltage	DC 5.5V(max)	
Battery Capacity	3.7V 2200mAh(max)	
Output Current	650 mA(max)	
Charge Time	Solar Charge: 5-6 hours	AC/DC Charge: 3-3.5 hours
LED Light	15000mcd	
Charge Display	Charging In	Full Charged
	red	green
Battery Type	Li-Ion	
Weight	70g	
Dimensions	83*35*22mm	

Specifications of Solar Cell Panels		
	Single Panel	Total Panels
Panel Dimensions	180mm x 130mm	X1
Weight	4 ounces	8 ounces
	120 grams	240 grams
Substrate Type	1.2mm Hard PCD	
Substrate Color	Green	
Cell Type	Monocrystalline	
Cell Efficiency	15.50%	
Open Circuit Voltage	7.20 V	
Peak Voltage *	6.00 V	
Peak Current *	450 mA	
Peak Watt	2.70 W	

*Panel output is computed from cell manufacturer's data based on 0% reduction of cell efficiency after packaging of cell strings. Electrical output tolerance is +/- 10%.

Approximate Charging Times	
Item	Hours Direct Sunlight *
Cell Phone	1-2 hours
Digital Camera (below 6 V)	1.5-3 hours
iPod	1-1.5 hours
PDA	1.5-3 hours

* Charge times may be increased in cloudy weather, high temperatures, or where panels are not angled towards the sun.