

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



Solar backpack MS-A02

Backpack size (LxWxH): 33*15*47cm
Fabric: 600D polyester, Wider shoulder belt
1 piece solar panel, Panel size: 140mm*95mm
Solar power: 6V, 225 mA, 1.35W
Includes a 1,200mAhNi-MH battery pack
output voltage(max): DC5.5V
output current(max):500 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	1.2V 1200 mAh(max)
Output Current	500 mA(max)
Charge Time	Solar Charge?? 6-8hours AC/DC Charge?? 2-2.5 hours
Battery Type	Ni-MH
Protection	Short, Over Charge, Over Discharge, Over Current, Over Temp.
Weight	128g
Dimensions	83*70*20mm

Specifications of Solar Cell Panels		
	Single Panel	Total Panels
Panel Dimensions	140mm x 95mm	X 1
Weight	4 ounces 120 grams	4 ounces 120 grams
Substrate Type	1.2mm Hard PCD	
Substrate Color	Green	
Cell Type	Monocrystalline / Polycrystalline	
Cell Efficiency	15.50%	
Open Circuit Voltage	7.20 V	
Peak Voltage *	6.00 V	
Peak Current *	225 mAH	225 mAH
Peak Watt	1.35 W	1.35 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	1.5-3 hours
Digital Camera(below 5.8 V)	2-4 hours
iPod	1-2 hours

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