

IMPORTANT NOTES

1. Do **NOT** attempt to solar charge the MF-1818 during the evening sunsets, extremely overcast or rainy days. Such weak sunlight, can actually cause the charger to lose energy.
2. Do **NOT** attempt to charge the unit on or near a microwave, by placing it in on the roof of a car, or using indoor lighting.
3. Do **NOT** charge the MF-1818 overnight outdoors as moisture or rain may cause it to short circuit.
4. The MF-1818 is extremely effective as a short-term or urgent-use alternative to a traditional A/C or car charger. However, it is **NOT** intended as a replacement for either nor should its performance be compared to these types of chargers. Used in conjunction with your AC or car charger, however, the MF-1818 can significantly extend the charge for your cell phone or other electronic devices.
5. To protect and extend the life of your unit, keep folded when it is not in use collecting sun energy.
6. Do **NOT** try to recharge mobile phones or other devices with more than 80% battery power left.

Advanced  PureLiving®
ENVIRO-FRIENDLY TECHNOLOGY

PRODUCT WARRANTY

1. Advanced PureLiving warrants this product to be free from manufacturing and material defects for a period of one year from original date of purchase. Excludes batteries.
2. This warranty is valid to the only original owner with proof of purchase.
3. Product abuse, misuse, modification, alteration or opening the product housing voids this warranty.


Portable Solar Chargers

Produced and distributed exclusively by:

 **REAL SPIRIT**®
an innovative products group

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Portable Solar Chargers
by Advanced  PureLiving®
ENVIRO-FRIENDLY TECHNOLOGY



**Operation's
Manual**


MF-1818
APL-SC450

PACKAGE INCLUDES



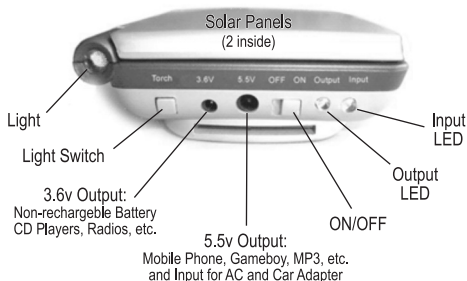
- MF-1818 Charger
- AC Adaptor
- Car Adaptor
- 7 Connectors*

a. Nokia • b. Sony Ericsson
 c. Motorola/Blackberry Mini-USB
 d. Samsung • e. Game Boy;
 f. LG • g. Cross Adapter

*IPOD and other adapters also available.



PARTS DESCRIPTION: MF-1818



CHARGING YOUR MF-1818

When your MF-1818 needs charging, the two (2) LEDs on the charger will fail to light. To recharge:

1. Ensure the charger switch is turned **OFF**.
2. **Solar Charging:** Open the charger and place in direct sunlight. The yellow LED on the charger starts flashing. Once charging is completed, the yellow LED turns on completely. **Note:** If the yellow LED fails to light in cloud cover or other dim light conditions, charging is not taking place.
3. **Car & AC Charging:** Connect the power source to the charger using corresponding adapter. The red LED light on the charger starts flashing. The charging process is completed when the red LED stops flashing and remains lit.

PRODUCT SPECIFICATIONS

Product Size (mm)	Solar Panels Size (mm)	Internal Battery	Operating Temp.	Weight
108 x 73 x 21	102 x 56 (2 pcs)	Li-ion	0-40 °C/ 32-104 °F	138g/4.9oz
Battery Capacity	Battery Life	Output Current	Voltage	Charging Current
1000 mAh	>500 times	>0.32A	3.6v / 5.5v	200mA

RECHARGING DEVICES USING YOUR MF-1818

1. Choose the correct connector to link the charger to your mobile phone or compatible device. **Be sure the voltage is consistent for your device**, e.g., the mini (3.6v) connector is generally applicable to CD players and radios requiring 3-4.5v, while the 5.5 volt cables are generally applicable to mobile phones and MP3 players.
2. Switch the charger **ON**. The red LED starts to flash which means your device is now being recharged.
3. When recharging is complete, the red LED stops flashing and your charger turns off. Many devices can function normally during recharging.

CHARGING TIMETABLE

	EXPOSURE	TRANSFER	STAND BY	TALK TIME	
SOLAR	1.5 hours	15 mins	4 hours	8 mins	
	4 hours	30 mins	10 hours	15 mins	
	10 hours	50 mins	30 hours	30 mins	
	Above data derived by charging in direct, strong sun light based on recharging a Nokia 8250 mobile. While data is representative, it may vary depending on actual sun conditions and device being recharged.				
AC	Input Volts 100-240v	Charge Time 4 hours	Transfer 1 hour	Stand By 50 hours	Talk Time 1 hour
CAR	Input Volts 12v	Charge Time 4 hours	Transfer 1 hour	Stand By 50 hours	Talk Time 1 hour