

**MODEL SBE-1  
BUTTON CELL  
CHARGER**

U.S. PAT. NO. 4,539,516

**SOLAR "BUTTON BATTERY" CHARGER**

Your SOLAR MADE POCKET CHARGER uses free solar power to bring new life to the following button battery types (1.2-1.5 volt batteries).

**ALKALINE, MERCURY, NICKEL-CADMIUM (NiCd), NICKEL-METAL-HYDRIDE (NiMH) and ZINC-AIR**  
(NOT RECOMMENDED FOR SILVER-OXIDE).

There is nothing on the market to rival this POCKET CHARGER for simplicity, size and durability. Please read the following instructions carefully and then have some fun saving money with your Model SBE-1 SOLAR POCKET CHARGER.

**HOW RECHARGING A BATTERY IS ACCOMPLISHED**

The discharge and recharge of a battery can be compared to the gas tank on an automobile. The capacity of your automobile gas tank is measured in gallons. The capacity of a battery is measured in milliampere hours for small batteries and ampere hours for large batteries. A battery can be drained at a fast or slow rate depending on the device it is powering. Just like your car, the faster you drive, the more gasoline you use. To recharge (refill) a battery, reverse current flow must be induced into your battery. The larger (more capacity) batteries require longer charge time. Smaller batteries require less time. Our family of chargers (see below) allow you to select the right SOLAR POCKET CHARGER for your battery needs.

**HOW TO USE YOUR POCKET CHARGER**

1. Insert a used battery under the clip (+ side up to touch clip).
1. Locate the window that provides sunlight for the better part of the day (usually a South facing window in the winter months and an East or West facing window in the summer months).



Moisten the suction cup (with water or vegetable oil) and attach to a clean, clear window. Hang the charger on the suction cup with battery attached and solar cells facing the sun.

The "red indicator light" should be glowing to show that the unit is charging (if it is in direct sunlight).

Keep the charger and batteries as cool as possible by NOT closing the drapes on this window. Moving air helps cool the charger

from the hot sun. IT IS LIGHT, NOT HEAT, that energizes the solar cells.

7. Leave the charger in the sunny window for approximately 1 full day to get a full charge on larger button batteries. Remember - the charger requires direct sunlight to function best.
7. On overcast days the charger will require a longer charging time.
8. In case you forget to remove your charger and it remains in the window, your battery could overcharge and get a BULGE in the + (positive) side. This indicates that you are overcharging (too much time). Discard this battery - it probably won't fit into your device now. Reduce the number of hours you are charging. If the battery provides only half the normal use, simply charge it for a longer period until you find the correct charging time.
8. After removing the battery from the charger, allow 30 minutes prior to installing/using the battery.

**PRACTICAL HINTS FOR STRETCHING YOUR BATTERY LIFE AND SAVING MONEY**

1. The number of recharges possible is between 2 to 10 times and can best be determined by the user.
2. Do NOT allow a battery to deteriorate (discharge) too far - it will be hard or impossible to reenergize.
3. Keep batteries cool for longer shelf life. Heat destroys batteries and slowly discharges them, too.
4. Always purchase from retailers that keep fresh stock.

**Solar Made Family of Solar Pocket Battery Chargers**

Model	SPC-1AA	(1) AA/AAA Battery Size
	SPC-2A	(2) AA, C or D Battery Size
	SPC-4	(4) AA/AAA Battery Size
	SPC-9B	(1) 9 Volt Battery Size
	SBE-1	(1) Button Battery
	BA-4	Battery Adapters Set of 2

**WARRANTY**

Solar Made provides a limited warranty for a period of 120 days from date of purchase. This warranty covers material and workmanship. All warranty returns must have customer sales receipt attached.

Rely on premium portable & solar power by Solar Made if you're looking for quality and efficiency.