

# PowerFilm<sup>®</sup>

## SOLAR

MADE IN THE USA

## AA Foldable Solar Charger

The PowerFilm AA Foldable Solar Charger is a foldable, lightweight, pocket-sized solar charger featuring removable, rechargeable AA batteries.

Proprietary charging circuitry maximizes charge into the batteries, and charge lights indicate charging status and charge completion. The AA Foldable Solar Charger can charge two AA batteries in three and a half hours of full sun or four AA batteries in seven hours of full sun.

The solar panels are mounted to a lightweight, weather-resistant fabric that easily folds and unfolds for use and storage. Keep your AA devices powered wherever you are with the AA Foldable Solar Charger.



### Benefits Include:

- Folds up compactly to fit into a pocket.
- Ultra lightweight - weighs less than 5 oz.
- Military grade durability
- Works in low light conditions
- Charges two or four AA rechargeable batteries
- Includes four NiMH rechargeable batteries
- Charges batteries in seven hours or less

## Tips for best use

- The AA Foldable Solar Charger can be secured through the grommets to a pack, tent or other structures.
- Angling the charger towards the sun will result in the most efficient energy collection.
- Always store in a cool dry environment to ensure years of reliable functionality.
- The AA charger will charge NiMH or NiCd rechargeable batteries.

Specifications*	Solar Operating Voltage (V)	Solar Operating Current (Amps)	Weight w/o batteries (ounces)	Folded Dimensions (inch/mm)	Unfolded Dimensions (inch/mm)
PowerFilm AA Solar Charger	3.6	0.6	4.2	3.3 x 5.7 x 1.3 144.8 x 83.8 x 33.0	31.5 x 5.5 787.4 x 139.7

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### AA Foldable Solar Panel



Electrical Characteristics	
Rated Voltage at Pmax	3.6
Rated Current at Pmax	0.4
Open Circuit Voltage	4.4
Short Circuit Current	0.8
Physical Characteristics	
Folded Dimensions (inches)	3.3 x 5.7 x 1.3
Unfolded Dimensions (inches)	31 x 5.5
Weight w/o batteries (ounces)	4.2
Thermal Characteristics	
Temperature Coefficient for Power (%/C)	- 0.200
Temperature Coefficient for Voltage (%/C)	- 0.240
Temperature Coefficient for Voc (%/C)	- 0.300
Temperature Coefficient for Isc (%/C)	0.109