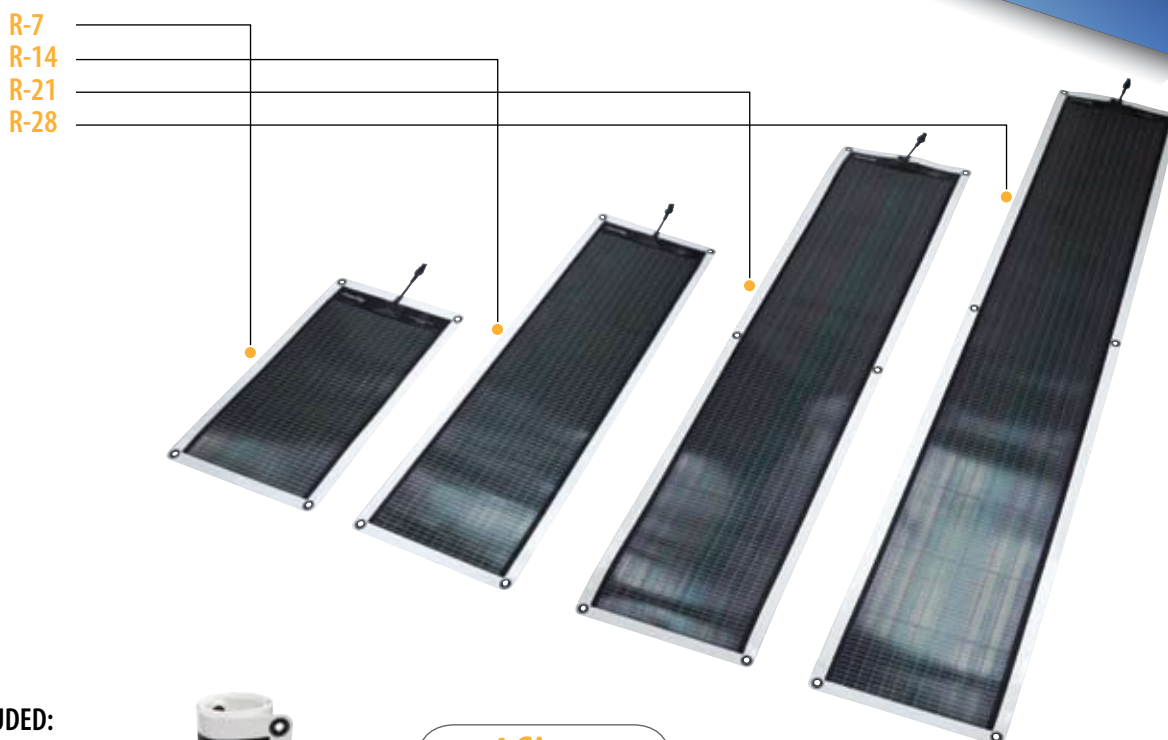
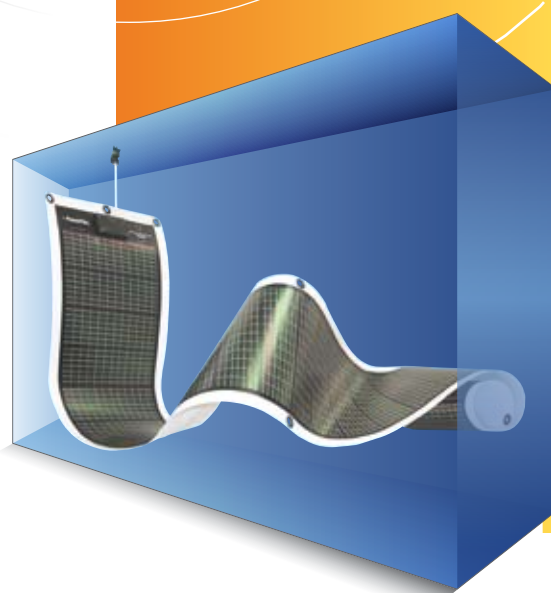


Rollable Solar Chargers

Ultra Lightweight • Ultra Thin • Easy to Use

PowerFilm® integrated solar panels (thin film on plastic) are developed and manufactured with a proprietary roll process and they are truly rollable unlike other thin film technologies that are only somewhat flexible. PowerFilm solar panels are all monolithically integrated which eliminates the need for damage-prone manual connections of individual solar cells. PowerFilm is made of silicon, a natural resource in abundant supply. PowerFilm is Cadmium Free, unlike some other solar technologies, and performs well in diverse environments, including hot sun, and does not suffer from wasted over-voltage.



INCLUDED:

RA-2 (12 Volt Female Cigarette Lighter Adapter)

RA-11 (15 ft. Extension Cord with O-ring Battery Terminal Connectors)



4 Sizes

Specifications*	PowerFilm® R-7 7 WATT	PowerFilm® R-14 14 WATT	PowerFilm® R-21 21 WATT	PowerFilm® R-28 28 WATT
Operating Voltage (V)	15.4	15.4	15.4	15.4
Operating Current (Amps)	.45	.9	1.35	1.8
Weight (lbs./kg)	0.594 / .269	.981 / .445	1.42 / .644	1.8 / .816
Dimensions (inch/mm)	23 x 14.5 584.2 x 368.3	42 x 14.5 1066.8 x 368.3	60.75 x 14.5 1543.05 x 368.3	79.75 x 14.5 2025.6 x 368.3
Rolled Dimensions (inch/mm)	14.5 x 4 dia. 368.3 x 101.6	14.5 x 4 dia. 368.3 x 101.6	14.5 x 4 dia. 368.3 x 101.6	14.5 x 4 dia. 368.3 x 101.6

*Operating Voltage and Operating Current at AM1.5. Power performance may vary +/- 10% due to temperature variation, spectral variation, and related effects.