

Thin Flexible Solar Panels

EarthCare Solar
solar products for a greener future

Foldable Solar Chargers

Ultra Compact • Ultra Lightweight • Easy to Use

PowerFilm® Solar makes both commercial and military foldable solar chargers. Custom chargers are also available. PowerFilm® Foldable Solar Chargers are extremely lightweight and compact. Designed for users who need lightweight, portable and remote power for laptops, cell and satellite phones, and GPS units, the chargers can be used in a multitude of ways. With the 5 different sizes from 5W to 60W, the chargers can be combined with standard PowerFilm accessories to handle almost any charging need. The largest chargers are easily stored in a backpack or laptop bag, while the 5W charger fits in a cargo pocket. PowerFilm Foldable Solar Chargers are designed for durability, and are UV and weather resistant to handle difficult and diverse environments.



5 Sizes

Specifications*	PowerFilm® F15-300	PowerFilm® F15-600	PowerFilm® F15-1200	PowerFilm® F15-1800	PowerFilm® F15-3600
Operating Voltage (V)	15.4	15.4	15.4	15.4	15.4
Operating Current (Amps)	.3	.6	1.2	1.8	3.6
Weight (lbs./kg)	0.38/0.17	0.56/0.25	0.9/0.41	1.3/0.59	2.6/1.18
Unfolded Dimensions (inch/mm)	25.5 x 11 648 x 279	20.5 x 23 521 x 584	30 x 30.5 762 x 775	41.5 x 30.5 1054 x 77.5	60 x 42 1524 x 1067
Folded Dimensions (inch/mm)	5.5 x 4.5 x 0.75 141 x 114 x 19	10.3 x 3.5 x 1.4 262 x 89 x 36	10.5 x 6.5 x 0.6 267 x 165 x 15	10.5 x 9.3 x 0.75 267 x 236 x 19	10.3 x 8.9 x 2.8 262 x 226 x 71

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