Don’t run out of power

Our modern lifestyle obligates us to stay constantly connected using different types of technology, the need to know that we can communicate at any hour of day from anywhere. Moreover it gives us a feeling of safety, comfort and quality of life. Unfortunately the life of battery is always too short, and we have to search for and stay to a power source.

Thanks to Textil Energy we give you the opportunity to be in charge of your battery life; even more- to generate your own energy that is clean and efficient and can be generated from wherever you decide to go. Become self-sufficient of power using the light of sun which is free and reliable.

How? Find out our secret!
Consulting engineering
We adapt to your power needs

textilenergy.com
PICTOGRAMS

SOLAR TECHNOLOGY

**Basic** ★★★★★
(Polycrystalline silicon tech)
RIGIDITY | HIGH CONVERSION EFFICIENCY | NO-GLASS | LONG LIFE

**Medium** ★★★★★
(Amorphous silicon tech)
FLEXIBLE | LIGHT | NO-GLASS | LONG LIFE
GOOD PERFORMANCE UNDER CONDITIONS OF DIFFUSE RADIATION
GOOD PERFORMANCE AT LOW LIGHT CONDITIONS
GOOD PERFORMANCE AT ELEVATED TEMPERATURES GENERATES MORE kWh

**High** ★★★★★
(CIGS tech)
FLEXIBLE | LIGHT | NO-GLASS | LONG LIFE | HIGH CONVERSION EFFICIENCY
GOOD PERFORMANCE UNDER CONDITIONS OF DIFFUSE RADIATION
GOOD PERFORMANCE AT LOW LIGHT CONDITIONS
GOOD PERFORMANCE AT ELEVATED TEMPERATURES | GENERATES MORE kWh

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**Model FRb-5**
- **Pmax:** 5W
- **Vmp:** 5V
- **Imp:** 1.0A
- **Dim. Extended:** 460 x 195mm
- **Dim. Folded:** 195 x 175 x 30mm
- **Weight:** 300 grams
- **Efficiency:** 17%
- **USB + multiconnector cable**
- **Silicon Policrystalline**

**Model FRb-8**
- **Pmax:** 8W
- **Vmp:** 5V
- **Imp:** 1.6A
- **Dim. Extended:** 585 x 175mm
- **Dim. Folded:** 175 x 145 x 40mm
- **Weight:** 500 grams
- **Efficiency:** 17%
- **USB + multiconnector cable**
- **Silicon Policrystalline**

**Model FRb-20**
- **Pmax:** 20W
- **Vmp:** 18V
- **Imp:** 1.1A
- **Dim. Extended:** 960 x 260mm
- **Dim. Folded:** 260 x 260 x 50mm
- **Weight:** 1250 grams
- **Efficiency:** 17%
- **Connector + Customizable output cable**

**Model FRb-40**
- **Pmax:** 40W
- **Vmp:** 18V
- **Imp:** 2.2A
- **Dim. Extended:** 795 x 670mm
- **Dim. Folded:** 335 x 210 x 60mm
- **Weight:** 2500 grams
- **Efficiency:** 17%
- **Connector + Customizable output cable**
- **Silicon Policrystalline**

*Colors available according to stock. Customizable*
Basic ★★★★★

Model Mb-10

- Pmax: 10W | Vmp: 18V | Imp: 0.55A
- Dimension: 375 x 335mm
- Weight: 600 grams | Efficiency: 13%
- Connector + Customizable Output
- Silicon monocristalino

Basic ★★★★★

Model Mb-20

- Pmax: 20W | Vmp: 18V | Imp: 1.1A
- Dimension: 550 x 390mm
- Weight: 1250 grams | Efficiency: 13%
- Connector + Customizable Output
- Silicon monocristalino

Basic ★★★★★

Model Mb-100

- Pmax: 100W | Vmp: 18V | Imp: 5.5A
- Dimension: 1000 x 800mm
- Weight: 4050 grams | Efficiency: 13%
- Connector + Customizable Output
- Silicon monocristalino

Basic ★★★★★★

Model Mb-180

- Pmax: 180W | Vmp: 18V | Imp: 10A
- Dimension: 1420 x 1065mm
- Weight: 7700 grams | Efficiency: 13%
- Connector + Customizable Output
- Silicon monocristalino
**Medium ★★★★★**

**Model FFm-4b**
- $P_{max}$: 4W
- $V_{mp}$: 5V
- $I_{mp}$: 0.8A
- Dim. Extended: 215 x 560mm
- Dim. Folded: 215 x 100 x 25mm
- Weight: 160 grams
- Efficiency: 7%
- USB + multiconector cable
- Color: black or custom
- Silicon amorphous

**Model FFm-24b**
- $P_{max}$: 24W
- $V_{mp}$: 18V
- $I_{mp}$: 1.33A
- Dim. Extended: 570 x 950mm
- Dim. Folded: 290 x 210 x 40mm
- Weight: 1000 grams
- Efficiency: 7%
- Connector + Customizable Output
- Color: black or custom
- Silicon amorphous

**Model FFm-50**
- $P_{max}$: 50W
- $V_{mp}$: 18V
- $I_{mp}$: 2.77A
- Dim. Extended: 770 x 1300mm
- Dim. Folded: 385 x 200 x 50mm
- Weight: 2000 grams
- Efficiency: 7%
- Connector + Customizable Output
- Color: black or custom
- Silicon amorphous

**Model FFm-115**
- $P_{max}$: 115W
- $V_{mp}$: 27V
- $I_{mp}$: 4.25A
- Dim. Extended: 1185 x 1855mm
- Dim. Folded: 400 x 280 x 65mm
- Efficiency: 7%
- Connector + Customizable Output
- Color: black or custom
- Silicon amorphous
**Medium** ★★★★★

**Model Fm-5**
- $P_{max}: 5W$ | $V_{mp}: 5V$ | $I_{mp}: 1.0A$
- Dimension: 235 x 415mm
- Weight: 200 grams | Efficiency: 7%
- Connector + Customizable Output
- Color: black or custom
- Silicon amorphous

**Model Fm-10**
- $P_{max}: 10W$ | $V_{mp}: 18V$ | $I_{mp}: 0.56A$
- Dimension: 260 x 805mm
- Weight: 400 grams | Efficiency: 7%
- Connector + Customizable Output
- Color: black or custom
- Silicon amorphous

**Model Fm-25**
- $P_{max}: 25W$ | $V_{mp}: 18V$ | $I_{mp}: 1.4A$
- Dimension: 400 x 1100mm
- Weight: 1000 grams | Efficiency: 7%
- Connector + Customizable Output
- Color: black or custom
- Silicon amorphous

**Model Fm-76**
- $P_{max}: 76W$ | $V_{mp}: 18V$ | $I_{mp}: 4.3A$
- Dimension: 760 x 1580mm
- Weight: 3000 grams | Efficiency: 7%
- Connector + Customizable Output
- Color: black or custom
- Silicon amorphous
**X-treme series**

**Model FFh-8**
- Pmax: 8W | Vmp: 5V | Imp: 1.6A
- Dim. Extended: 214 x 513mm
- Dim. Folded: 214 x 145 x 25mm
- Weight: 350 grams | Efficiency: 12.5%
- Connector + Customizable Output
- Color: black or custom
  - CIGS

**Model FFh-12**
- Pmax: 12W | Vmp: 10V | Imp: 1.2A
- Dim. Extended: 305 x 616mm
- Dim. Folded: 240 x 305 x 25mm
- Weight: 550 grams | Efficiency: 12.5%
- Connector + Customizable Output
- Color: black or custom
  - CIGS

**Model FFh-40**
- Pmax: 40W | Vmp: 18V | Imp: 2.1A
- Dim. Extended: 561 x 1380mm
- Dim. Folded: 290 x 235 x 60mm
- Weight: 1700 grams | Efficiency: 12.5%
- Connector + Customizable Output
- Color: black or custom
  - CIGS

**Model FFh-80**
- Pmax: 80W | Vmp: 18V | Imp: 4.4A
- Dim. Extended: 779 x 1505mm
- Dim. Folded: 260 x 395 x 75mm
- Weight: 3200 grams | Efficiency: 12.5%
- Connector + Customizable Output
- Color: black or custom
  - CIGS

*Colors available according to stock. Customizability*
**Model Fh-6**
- Pmax: 6W
- Vmp: 5V
- Imp: 1.2A
- Dimension: 260 x 335mm
- Weight: 250 grams
- Efficiency: 12.5%
- Connector + Customizable Output
- Color: black or custom
- CIGS

**Model Fh-8**
- Pmax: 8W
- Vmp: 5V
- Imp: 1.6A
- Dimension: 214 x 513mm
- Weight: 300 grams
- Efficiency: 12.5%
- Connector + Customizable Output
- Color: black or custom
- CIGS

**Model Fh-16**
- Pmax: 16W
- Vmp: 10.5V
- Imp: 10.5A
- Dimension: 230 x 735mm
- Weight: 600 grams
- Efficiency: 12.5%
- Connector + Customizable Output
- Color: black or custom
- CIGS

**Model Fh-108**
- Pmax: 108W
- Vmp: 23.8V
- Imp: 4.6A
- Dimension: 710 x 1650mm
- Weight: 2100 grams
- Efficiency: 12.5%
- Connector + Customizable Output
- Color: black or custom
- CIGS
**Model Fh-170**

- **Pmax:** 170W
- **Vmp:** 32.7V
- **Imp:** 5.2A
- **Dimension:** 454 x 3010mm
- **Weight:** 3300 grams
- **Efficiency:** 12.5%
- **Connector + Customizable Output**
- **Color:** black or custom

**Model Hfh-10**

- **Pmax:** 10W
- **Vmp:** 5V
- **Imp:** 2A
- **Dimension:** 150 x 935mm
- **Weight:** 300 grams
- **Efficiency:** 12.5%
- **Connector + Customizable Output**
- **Color:** black or custom

**Model Hfh-14**

- **Pmax:** 14W
- **Vmp:** 3V
- **Imp:** 4.6A
- **Dimension:** 235 x 700mm
- **Weight:** 400 grams
- **Efficiency:** 12.5%
- **Connector + Customizable Output**
- **Color:** black or custom
Batteries

**Model PB-A1**
- Capacity: 2,200mAh
- Input: 5V / 0.8A
- Output: 5V / 1A
- Dimensions: 92×Φ22mm
- Weight: 73g
- USB + multiconector cable
- Ion-Lithium

**Model PB-B1**
- Capacity: 5,000mAh
- Input: 5V / 1A
- Output: 5V / 1A
- Dimensions: 100×45×27mm
- Weight: 140g
- USB + multiconector cable
- Ion-Lithium

**Model PB-C2**
- Capacity: 5,000mAh
- Input: 5V / 1A
- Output: 5V / 1A
- Dimensions: 99×72×18mm
- Weight: 124g
- USB + multiconector cable
- Ion-Lithium

**Model PB-D1**
- Capacity: 24,000mAh
- Input: DC 13.5V-19V (2.5A-3.5A)
- Output 1: DC 5V 16V-19V (2.5A-4A)
- Output 2: DC5V 2A
- Dimensions: 195×122×15mm
- Weight: 680g
- USB + multiconector cable
- Li-Polymer
Have you ever dreamed to get your own energy... everywhere...

WE ADAPT TO YOUR ENERGY NEEDS

Adaptable design of solar slipcovers to every textile fabric. Our mission is to make the human being independent of the energy, it doesn't matter how far you are from the source, thanks to our tecnology e-tex, you don't need to worry when you got out of home and you know you will need the power of your devices.
SUSTAINABILITY AT SEA

During the months of mooring the boat, our battery discharges, forcing its owner to spend money each year to purchase a new battery, but with our intelligent system of solar recharge, you can extend the life of your battery for more years and also you can charge your devices while enjoying your trip.

We also elaborate sustainable projects to substitute or combine the electric motor and solar modules, discarding the generator and fossil fuels.
Excel your **business**
Bar, beer garden, terrace

**OFFER FREE CHARGE FOR DEVICES TO YOUR CUSTOMERS**

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**ADDED VALUE FOR YOUR DECK**

Either if you’re a particular or if you have a catering business with a terrace. We offer you to provide a solar connection to your parasol and offer an added value to both its costumers and guests with the possibility to be in harmony with their group of friends while they charge their devices.
Power supply without assembly

- **Humanitarian aid.**
  - In case of emergency or natural catastrophe, where it’s impossible to access to energy resources.
- **Cottage, igloo, country house, huts.**
  - It doesn’t matter where you want to live or how far you are from power energy, our solar panels do not require prior installation.
- **Military maneuvers**
  - Saving the use of generators and fuel, portable energy wherever you are.

**INDEPENDENT HOUSING, MOBILE SPACES**