



# Konarka Power Plastic®

## Converting Light to Energy — Anywhere

Lightweight, portable solar panels made of Konarka Power Plastic can turn everyday objects into energy sources — and open up profitable new markets for clever manufacturers. Our standard panels offer remarkable flexibility, versatility and ease of use for both outdoor and indoor applications.

### Manufacturing Benefits

#### Flexibility

Roll It. Wrap It. Hang It.

#### Adaptability

Harness energy even in low light — both indoors and out — at up to 70° off axis.

#### Applicability

Applicable to a wide variety of uses. May be combined to provide greater power.

#### Versatility

Apply it to accessories, structures, cars, awnings, tents, and more.

#### Profitability

Consumers, businesses and communities are eager to invest in energy independence.

#### Sustainability

Although others offer solar film products, Konarka Power Plastic is organic, free of hazardous materials, and truly green.

### Design Features

- Low light sensitivity
- Thin, lightweight & flexible
- Easy installation
- Organic
- Roll to roll printed

### A World of Applications

Use Konarka Power Plastic to charge consumer electronics, lighting, and other remote power needs.



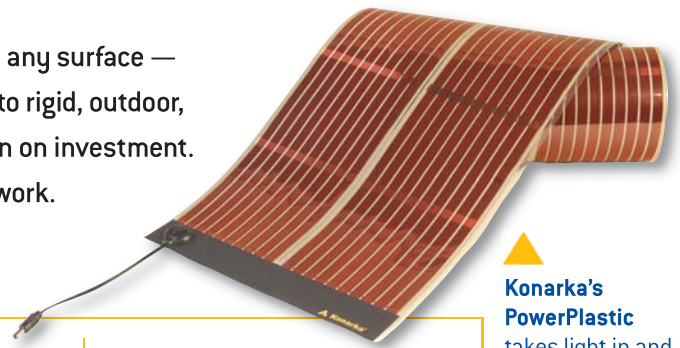
Devices like this mobile phone charger will use Power Plastic to power portable electronics such as mobile phones and PDA's.



# Konarka Power Plastic®

## A new generation of solar technology

Our lightweight, flexible film panels can be applied to virtually any surface — to create true energy independence. No longer are we limited to rigid, outdoor, large-scale solar panel installations — with a multi-year return on investment. The window of opportunity is wide open. Let's put the light to work.

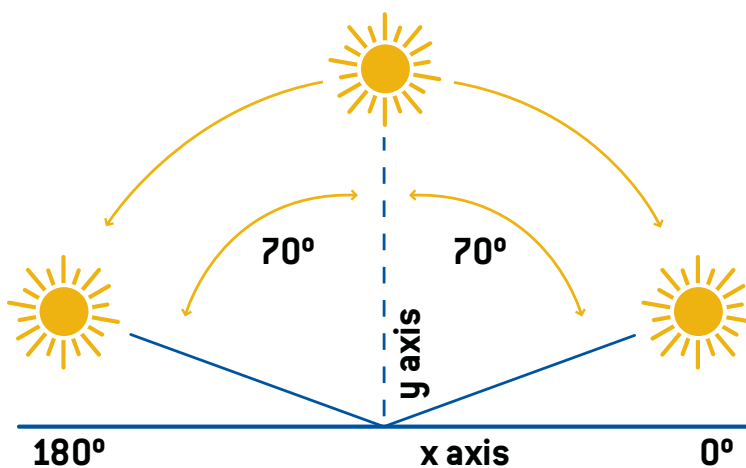


**Konarka's PowerPlastic** takes light in and delivers power out. When integrated into products, this direct current (DC) electrical energy can be used immediately, stored for later use, or converted to other forms of energy.

### Standard Panels

| Product Number / Power Output | Panel Weight / Size                           | Applications  |
|-------------------------------|---|---|
| KT 25 (0.25W – 4V)            | 18g (0.65oz) / 117mm x 172mm (4.6" x 6.8")    | Sensors & microelectronics  |
| KT 50 (0.5W – 4V)             | 30g (1oz) / 194mm x 172mm (7.6" x 6.8")       | Sensors & microelectronics  |
| KT 200 (2W – 8V)              | 149g (5oz) / 464mm x 352mm (18.3" x 13.8")    | Portable battery charging   |
| KT 500 (5W – 8V)              | 283g (10oz) / 890mm x 352mm (35.1" x 13.8")   | Portable battery charging, mobile phones, PDAs, & other small devices |
| KT 800 (8W – 8V)              | 482g (17oz) / 1530mm x 352mm (60.2" x 13.8")  | Portable charging to power portable devices, lanterns, and batteries. |
| KT 1500 (12W – 16V)           | 657g (23oz) / 1104mm x 653mm (43.5" x 25.7")  | Remote power, battery charging  |
| KT 3000 (26W – 16V)           | 1421g (50oz) / 2384mm x 653mm (93.8" x 25.7") | Remote power, battery charging, communication devices                 |

*(Note: larger scale applications may require multiple panels combined together in a series.)*



Konarka's Power Plastic collects energy at up to 70° off-axis from nearly sunrise to sunset. Can even be used on vertical surfaces.



Developed in partnership with Noon Solar, this Konarka-powered bag can charge a mobile phone tucked inside a zippered pocket.

### Konarka: Creating An Energy Revolution

Konarka is the world's leading developer of polymer-based, organic photovoltaic (OPV) technology. Manufactured at low cost and low energy consumption, Konarka Power Plastic can be used in countless commercial, industrial, government and consumer applications.

**Headquarters:** Lowell, MA, USA  
**Manufacturing:** New Bedford, MA, USA  
**R&D Facilities:** Lowell, MA, USA; Linz, Austria; Nurnberg, Germany

Learn more at [www.konarka.com](http://www.konarka.com)  
 Or call +1-978-569-1400

