HERE COMES THE SUN

Highgate Wood School‘s roof

Our roofs

Iconic London skyline – Solar Blackfriars bridge

Blackfriars bridge – solar roof launched in January 2014

"With over 6,000m² of PV panels, Blackfriars is now the world's largest solar-powered bridge, providing 50% of the station's energy and saving over 500,000 kg of CO_2."

Power and payback (Estimations only, correct at time of installation)

- System size: 1.1 MWp
- No of panels: 4,400
- Annual generation: 900,000 kWh
- Annual CO_2 savings: 513,000 kg

http://www.solarcentury.com/uk/case-studies/blackfriars-taking-it-to-the-bridge/

Bold Solar statements

The Eden Project in Cornwall.

The smart home at the Building Research Establishment Watford

Power and Shelter go together like a .....

"The solar-tree is a robust, freestanding, PV panel mounting system with a 3kWp self supporting solar charging structure that requires no foundations "

For more go to: http://www.himinzed.com/himinzed/?q=content/zedtree

"From individual Car-ports to Mid-size solar filling stations. We have a combination of waterproof ZEDroof panels and timber or steel structures to meet any requirement." For more go to: http://www.himinzed.com/himinzed/?q=content/zedstation

Cars

Pics from Solar Powered Cars

http://www.solarpoweredcars.net/

"The Solar Car Challenge is an annual solar-powered car race for high school students."

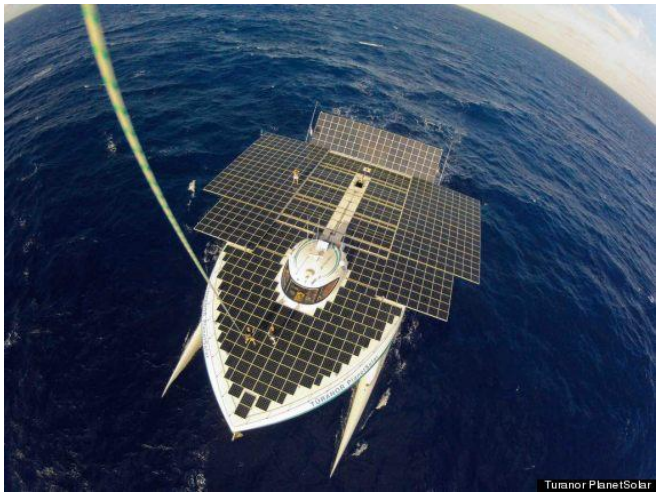
Italdesign Giugiaro Quaranta

"its batteries are powered completely by solar energy."

"Toyota Prius ..... This vehicle features a solar roof that powers the car's heating and cooling system."

And boats

The superyacht called SOLAR Yacht is an Arcadia 85' (25,91m) motor yacht and she is a brand new ecological green concept in the luxury yacht charter fleets of the world.
http://bit.ly/1hTWZeg



The gargantuam catamaran, the Turanor PlanetSolar, is covered in 516 square metres of solar panels which power all 90 tonnes of it to a cruising speed of five knots.
http://huff.to/1jUYvgH

The Ra solar boat, Whitlingham country park, Norwich

http://bit.ly/1lLmzFe

and planes

Solar Impulse
A solar-powered aircraft completed the final leg of a history-making cross-country flight Saturday night, gliding to a smooth stop at New York's John F. Kennedy International Airport. July 2013

http://www.huffingtonpost.com/2013/07/06/solar-powered-plane-nyc_n_3553735.html#slide=2577738

(and bikes)

http://www.himinzed.com/himinzed/?q=content/zedpower

Chargers and lights

http://www.sciencemuseumshop.co.uk/technology/computing_phones/freeloader_pico.htm Phone charger £25

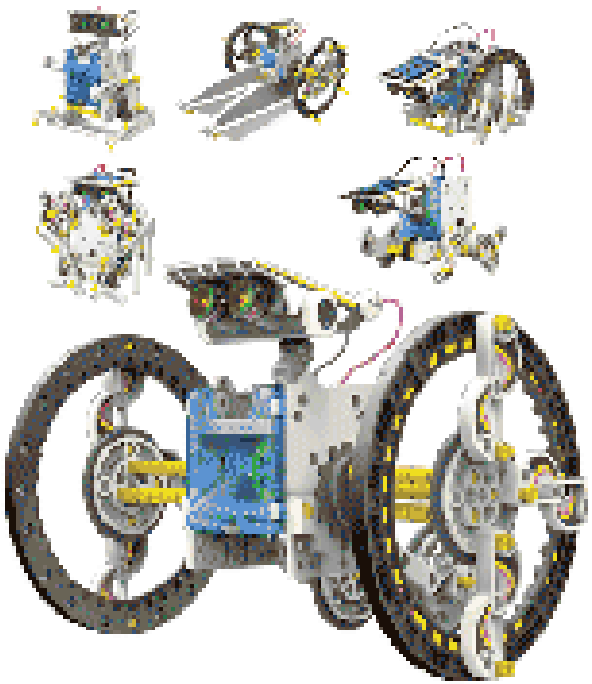
Beetle Solar/USB Emergency Powerbank /Torch
Centre for Alternative Technology Eco Store
http://store.cat.org.uk/product_info.php?products_id=2340 £12.30

http://www.dailycoolgadgets.com/muji-solar-led-mobile-light/

Solar Aid Sun King light/charger

http://www.solar-aid-eco-shop.co.uk/collections/home-page/products/greenlight-planet-sun-king-pro

Toys



"A truly fantastic and fun kit for children that teaches them that there are eco friendly ways to power products instead of batteries or mains power. This great educational toy allows you create 14 different types of robotic solar model toys. Comes with an 84 page user manual which gives detailed instructions and excellent diagrams to help you build each model. Each model will move through the aid of natural daylight. Age 10+. " £20

Centre for Alternative Technology
Eco Store

http://store.cat.org.uk/advanced_search_result.php?search_in_description=1&keywords=toy+solar&x=0&y=0

Out and about

Solar Kettle From Nigels Eco Store

"hot water wherever there is sunlight http://bit.ly/1hlxfZv

£37.99 inc. VAT

The Solar Kettle gives you hot or boiling water on tap wherever there is sunshine.
Great for camping, fishing, or hiking, just fill with water, open the flaps and leave it outside in the sun.
The Solar Kettle works best in direct sunlight, but will still make hot (not boiling) water even on cloudy days."

[note: uses water heating technology] £37.99

Solar Powered Weatherstation
Centre for Alternative Technology
http://bit.ly/1ko4aij £30.75

Eton FR160 Wind-up, Solar Powered, Radio, Torch & Mobile Phone Charger
From Natural Collection £32.95
http://bit.ly/1jVfJe5