

# Model Solar Car/Boat Kit

This educational resource has been developed and rigorously tested in Primary and Secondary classes, young peoples groups and with adults.

**Designed to help meet UK National Curriculum requirements in Design & Technology, Science, Mathematics & Sustainable Development.**

The car/boat kit is packaged in a recycled cardboard tube containing: 2Q flexible PV cell, 3-speed gear box + motor, + 1 solar motor for boat, components to complete solar car ( wheels, gears etc.) & boat (propeller, shaft, recycled 500ml bottle hulls) assembly instructions and access (via webpage password) to technical notes/ experiments. **Blank body shell templates allows**

you to personalise the body shell design e.g. incorporate your logo employing ICT skills. Using components of the car it is transformed into a solar model boat with the addition of a boat component pack. **The winners of the BBC Technogames Solar Challenge 2001 and Young Engineers for Britain used the PV cell and gearbox in this kit.**



Design Reg.  
No.2100528,  
22/03/2001



Design Reg. No. 2100527, 22/03/2001

## Schools & Homes Energy Education Project

Reg. Charity No. 107 3347. VAT Reg. No. 694 9240 91. Ltd Co. No. 327 3416

**Tel/Fax:** 0114 249 9459

**Email:** [enquiries@pluggingintothesun.org.uk](mailto:enquiries@pluggingintothesun.org.uk)

**Website:** [www.pluggingintothesun.org.uk](http://www.pluggingintothesun.org.uk)

**Post:** 53 Mowbray Street

Unit 12

Sheffield S3 8EN



**REPLY SLIP**

Please send me   1   2-Q model solar car/boat kit @

£40.00 + £3.00 postage + £7.52 VAT

**I enclose cheque** for £ 50.52

(payable to Schools & Homes Energy Education Project)

Name: \_\_\_\_\_

Address: \_\_\_\_\_ Postcode: \_\_\_\_\_

Tel/Fax: \_\_\_\_\_ Email: \_\_\_\_\_

