



**Bright
Sunshine Ideas
For
Educational
Institutions
Energy Parks
Science Museums
Amusement Parks
Resorts
Residential Layouts**

POWERING MINDS. FUELLING IMAGINATION

Tata BP Solar has designed and developed several exciting and interactive educational aids, which will give students a first-hand experience of the awesome potential of renewable energy and its many benefits. Making learning fun, they serve as excellent experiment devices, tickling the curiosity of students to know more. Besides being ideal as education exhibits in Schools, Colleges, Polytechnics, Science Museums and Energy Parks, these products are also suitable for Amusement Parks, Resorts and Kids Play Areas in Residential Townships and Colonies.

Solar Toy Car



- Two-seater, integrating 50 Wp Solar Panel
- Includes headlights, turning signals, forward and reverse driving, seat belts, brake, horn and a make-believe V8 engine
- Can be driven by children aged 4-6 years, at a speed of 5-7 kms per hour

Battery Operated Cycle



- 24 V DC, 300 W, Battery Driven Motor
- Once charged, the Rechargeable Battery provides a riding range of 30-50 kms
- Max. speed - 25 kms per hour in cruise mode
- Lights on front and rear for adequate illumination

Paddle Cycle



- Regular Exercise Bicycle fitted with DC Dynamo converts muscle power into electricity
- Electronic tri-colour visual indication system
- Revolving Light with alarm mounted on indicating lamppost, becomes operational when excessive speeds are reached

Energy Slip



- Made by a robust conveyor belt fitted with a metallic structure and metallic wheels
- DC Dynamo fitted with upper drum by means of gear assembly, generates electricity as the conveyor belt slides
- Electricity generated produces musical chimes

Wind Electro Generator Model



- Indoor exhibit model, displaying different types of Windmills - both vertical and horizontal
- Operated through artificially created wind from a blower
- Windmills fitted on to good quality wood panel, for convenient display

Energy Generating Drum



- Cylindrical drum demonstrates generation of energy from muscle power
- Walking or jogging along the inside periphery results in automatic rotation of the drum
- DC Dynamo, fitted on a pair of wheels produces Audio Visual effects



Solar Educational Kit

- Designed and developed to educate students on the applications of Solar Power
- Four modes of operation
- Comes with easy-to-understand study notes
- Portable, rugged and weather-proof

Tell me
And I may forget
Show me
And I may remember something
Make me do it
And I will both understand and
remember it always

Solar Parabolic Cooker



A simple demonstration of how the endless and free energy of the sun can be harnessed to cook food that is tastier and healthier, is the Solar Parabolic Cooker. Regular vessels can be used to cook any type of food, for about 15 persons in a day.

Like the Parabolic Cooker, the Solar Box Type Cooker too, taps into the free energy of the sun to cook food in black powder-coated vessels, for 4-5 persons. Besides being a healthier way to cook, Solar Cookers are also a blessing for the environment, as they do not emit smoke, use depleting fuel or contribute to environmental pollution in any way.

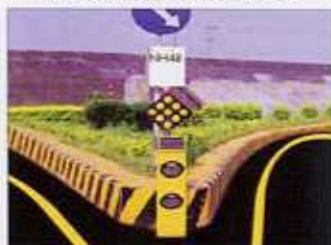
Solar Box Type Cooker



ROAD SAFETY AIDS FROM TATA BP SOLAR

As part of its endeavours to build a safer society, Tata BP Solar has designed and developed a wide range of Solar Road Safety Aids, which will use the power of the sun to guide drivers, even during low visibility conditions. Robust, durable and designed to withstand extreme weather conditions, these Road Safety Aids are suitable for Highways, City Roads and Internal Roads in large Residential Layouts and Colonies.

Solar Road Divider



- Pole mounted square form delineator, with light fixture, solar array & battery back-up
- Serves as 'caution board' at potential accident zones
- Ideal even during low visibility conditions

Solar Directional Lights



- Serve as ideal pointers in parks, huge public assemblies, hotels, hospitals, parking areas, resorts
- Also highly popular as education exhibits in institutions and science parks

Our Customers

Some of the products detailed in this leaflet are in use at :

- DTTDC Energy Park, New Delhi
- WBREDA Energy Park, Durgapur
- CREDA Energy Park, Raipur
- APEDA Energy Park, Itanagar
- AEDA Energy Park, Guwahati
- Traffic Police Departments in various cities
- Cantonment Board, Ambala
- Border Road Organization
- Thane Municipal Corporation
- Pune Municipal Corporation

Solar Road Stud



- Perfect solution to mark out median, road humps, turns and curves of roads. Also suitable as 'edge markers'
- Automatic on/off feature, effective LED display
- Offers excellent visibility, whatever the weather

Solar Traffic Cones



- Ideal to demarcate identified areas in large public gatherings, amusement parks and roads
- Suitable as road edge markers in hilly areas / ghat sections



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Your nearest Tata BP Solar Dealer:

