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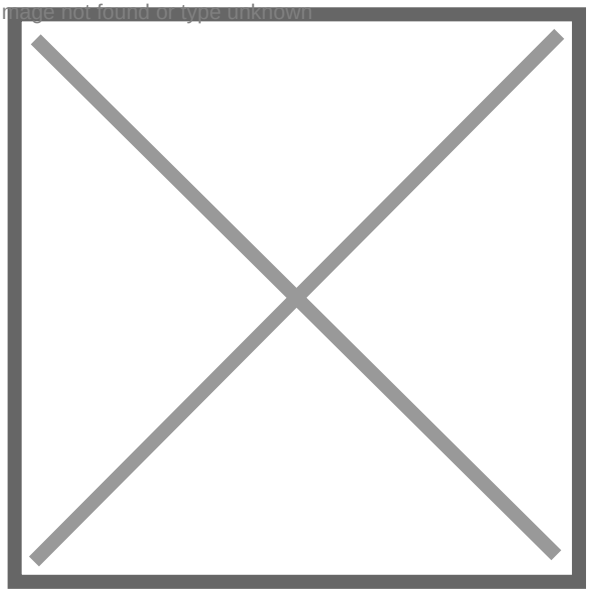
Product Name :

Solar Buggy

Product Code :

SCI-1262/022

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Description :

Solar Buggy (Product Code: SCI-1262/022) is a sun-powered model cart used to show students how light energy is converted into electrical and then kinetic energy in school science classes. Its low-consumption motor, fed by a detachable solar cell that gives more than 2 V in clear sunlight, drives the cart at a brisk walking pace on rubber-tyred wheels. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, a laboratory equipment supplier in India.

Specifications

Parameter	Detail
Body	Lightweight cart with rubber-tyred wheels
Drive	Low-consumption motor
Power source	High-efficiency solar cell (solar battery), detachable
Solar cell output	In excess of 2 V in clear sunlight
Performance	Travels at brisk walking pace in reasonably strong, clear sunlight
Operating condition	Clear sunlight is necessary for effective operation
Dimensions	120 x 100 mm
Product code	SCI-1262/022
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is a Solar Buggy Used For?

The Solar Buggy turns an abstract energy-chain lesson into something students can chase across the playground. Sunlight falling on the cell produces a voltage, the motor converts that electrical energy into motion, and the cart rolls off as long as the light is strong. Shading the cell with a hand or a sheet of card stops the buggy almost at once, which makes the link between light intensity and power very clear.

Run it outdoors on a smooth, level surface in clear sunlight, since weak or hazy light will not drive it effectively. Because the solar cell detaches, it can also be connected to a multimeter to record its voltage in sun and shade, making the buggy a flexible solar energy science kit for projects, science fairs and STEM activities.

Supplier

Jain Scientific Equipments Private Limited trades as ScienceLab and supplies the Solar Buggy from Ambala, Haryana, to schools, STEM programmes, dealers and importers in India and international markets. For vendor registration, the supplying company is Jain Scientific Equipments Private Limited (CIN U29309HR2020PTC087597, GSTIN 06AAECJ8618A1ZT). Ask us about class-set quantities and repeat orders when you enquire. Read more on our company profile.

Rela

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