

Solar Energy Kit (5 in 1)

MODEL - PH-322/E

MAKE - AK LABS

The Solar Energy Kit (5 in 1) is an interactive educational model that demonstrates the conversion of solar energy into electrical, light, sound, and mechanical energy. It enables students to perform practical renewable energy experiments through hands-on learning in science laboratories.

PRODUCT SPECIFICATION

Product Name	Solar Energy Kit (5 in 1)
Working Principle	Conversion of Solar Energy into Electrical, Light, Sound & Mechanical Energy
Power Source	High-Efficiency Solar Panel
Demonstrations	Battery Charging, LED, Voltmeter, Buzzer & DC Motor
Construction	Durable Educational Demonstration Board
Learning Type	Interactive Working Model
Applications	Physics Labs, STEM Labs, Renewable Energy Education & Science Demonstrations

PRODUCT DETAILS

The Solar Energy Kit (5 in 1) is designed to help students understand the principles of renewable energy and energy conversion. Using a solar panel, the kit demonstrates the generation and utilization of solar energy through five practical working models, including LED lighting, voltage measurement, buzzer operation, battery charging, and motor

operation. Ideal for physics laboratories, STEM education, and classroom demonstrations.

Key Features

- Demonstrates five practical solar energy applications
- High-quality solar panel for real-time experiments
- Shows energy conversion through multiple outputs
- Easy plug-and-play experimental setup
- Durable educational demonstration board
- Ideal for classroom demonstrations and practical learning
- Suitable for renewable energy and STEM education

Applications

- Physics Laboratories
- STEM & STEAM Laboratories
- Renewable Energy Demonstrations
- CBSE, ICSE & State Board Schools
- Colleges & Engineering Institutes
- Science Exhibitions & Projects
- Teacher Demonstrations & Practical Learning