

SOLAR STREET LIGHT TRAINER

Model Number : GOTT-SSLT-01



DESCRIPTION

This GOTT-SSLT-01 Solar Power Street Light Trainer is specifically designed as an educational tool for study of lighting street light.

This trainer study of solar generating system which converts solar to electric energy by using a solar cell plate. The converted electric energy is stored in storage battery in the daytime and will be used for lighting at night.

It is a stand alone solar photo voltaic street lighting system comprising a compact fluorescent lamp, lead acid battery, PV module(s), control electronics, inter-connecting wires/cables, module mounting hardware, battery box, and experiments manual.

FEATURES

- Consists of Solar Cell Panel, LED light fixture, Solar Charge Controller, Battery and Support Pole Set
- Simple button operation and digital display of Solar Charge Controller
- Auto detection of system voltage (12VDC / 24VDC)
- Overload protection and short circuit protection

TECHINCAL SPECIFICATIONS

Solar LED Street Lamp

- Weather proof and energy efficient LED street lamp
- 40W LED / DC 12V

Solar Cell Unit

- Power 100 Watt

Solar Charge Controller

- DC 12V / 24V

Control Panel

- Volt meter and Ampere meter
- Overload and Short Protection

Battery

- 12V, 75 Ah

EXPERIMENT TOPICS

- Familiarisation with Solar Street Light System
- Photovoltaic Panel Measurement
- Solar Charge Controller Measurement
- Battery Charging and discharging
- Optimum Power Solar Street
- Solar Home System

Manuals :

- (1) All manuals are written in English.
- (2) Model Answer
- (3) Teaching Manuals

General Terms :

- (1) Accessories will be provided where applicable.
- (2) Manual & Training will be provided where applicable.
- (3) Design & specifications are subject to change without notice.
- (4) We reserve the right to discontinue the manufacturing of any product.

Warranty :

2 Years

ORDERING INFORMATION :

ITEM	MODEL NUMBER	CODE
SOLAR STREET LIGHT TRAINER	GOTT-SSLT-01	447-000

*Proposed design only, subject to changes without any notice.