

MAPLE SOLAR SYSTEM



SOLAR POWERED

Lighting | Charging Solution



ARE YOU READY FOR ADVENTURE?

Canadian Solar's innovative and effective Maple Solar System is designed to provide reliable lighting and a power charging solution in places where plenty of sunshine but limited access to electricity.

SYSTEM | OVERVIEW

Maple Solar System is an economical, safe and clean energy solution for families who burn kerosene for lighting when darkness falls. It enables a family to live a fire hazard free life with no air pollution from burning kerosene. Maple Solar System is also a power solution when grid power supply is broken down in natural disasters, such as earthquakes, hurricanes and snowstorms. In addition, Maple Solar System is a very convenient mobile power source for outdoor activities, such as camping, boating and hiking.

The Maple Solar System includes a solar panel, energy-efficient LED lights, Li-ion batteries, multiple cell phone charger plugs.

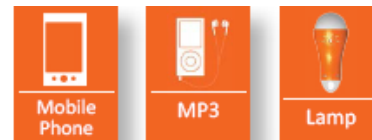
THE BEST VALUE FOR THE INVESTMENT

Canadian Solar's products are manufactured with rigid quality, durability, performance and value. Our continuous innovation, meticulous design and production techniques, combined with rigorous quality control, in-house testing and adherence to strict international quality standards, ensure a high return on investment for our products.

SYSTEM APPLICATIONS | LIGHTING



SYSTEM APPLICATIONS | CHARGING



SYSTEM | KEY BENEFITS

- Economical and convenient lighting powered by solar energy
- Pollution and fire hazard free with no kerosene burning
- Better lighting with energy efficient LED and energy saving mode
- Cell phone charging USB socket with multiple plugs
- 4400 mAh Li-ion battery with up to 3 years life
- Mobile and Distributed solar lights

TECHNICAL DATA | LOAD REFERENCE

Model	PV Module	Power Output	Battery	Load Reference	Lamp Qty.	USB Port
CSFD-5-S	5W (5.5V DC; 4.5M cable)	25Wh/day	4400mAh Li-ion Battery/Light	2W Lamp: 6.5h 1W Lamp: 13h	1pcs or 2pcs	Mini USB ports with multiple charging plugs
CSFD-10-S	10W (5.5V DC; 4.5M cable)	50Wh/day	4400mAh Li-ion Battery/Light	2W Lamp: 6.5h 1W Lamp: 13h	3pcs or 4pcs	Mini USB ports with multiple charging plugs

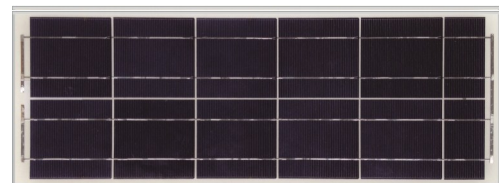
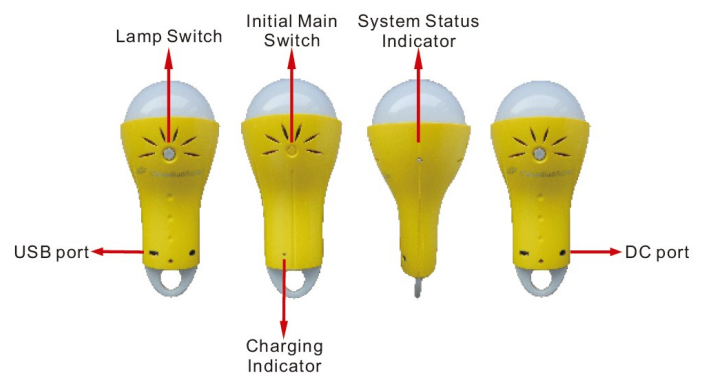
The above load consumptions are an estimation, based on daily solar radiation levels of 5kWh/m²/day



SYSTEM | COMPONENTS

- **Solar module:**
Converts sunlight into electricity
- **Li-ion battery:**
Stores energy generated by solar module
- **LED lights:**
The intensity of light is adjustable, with two power modes
- **System controller:**
Protects the battery from over-charging and over-discharging
- **Charging indicator:**
Indicates charging status of Maple system
- **System status indicator**
Indicates system over discharge, over load or short circuit; low battery voltage warning
- **USB sockets & charging plugs:**
Charge cell phone and other small electronics

MAPLE | SOLAR SYSTEM



Canadian Solar Inc.

Founded in 2001 in Canada, Canadian Solar Inc., (NASDAQ:CSIQ) is one of the world's largest and foremost solar power companies, ranked top five in 2012. As a leading vertically integrated manufacturer of solar modules, specialized solar products and turnkey PV project solution provider, Canadian Solar operates in six continents and has delivered more than 5.0 GW of premium quality solar modules to customers in over 70 countries. Canadian Solar is committed to providing advanced products, solutions and services to enable sustainable development around the world.