



MAPLE SOLAR SYSTEM

SOLAR POWERED
Lighting | Charging Solution



4400 mAh Li-ion battery

Pollution and fire hazard free with no kerosene burning

Charging USB port for small electronic devices

Mobile and distributed solar lamps

Better lighting with energy efficient LED and energy saving mode

Economical and convenient lighting powered by solar energy

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

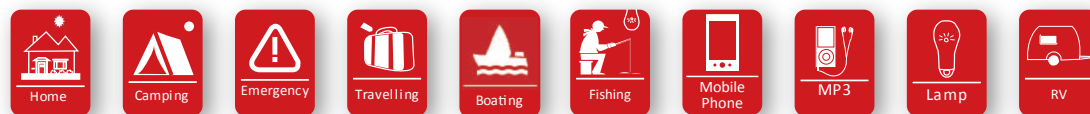
TECHNICAL DATA | LOAD REFERENCE

Module	PV Module	Power Output	Battery	Load Reference	Lamp Qty.	Packaging	USB Port
CSFD-3-S	3W Module With Frame (5.5V DC, 4.5m cable) or 3W Module Without Frame (5.5V DC, 0.8m cable)	15Wh/day	4400mAh Li-ion Battery/ Lamp	2W Lamp: 6.5h 1W Lamp: 13h	1pcs	208*146*163mm 0.9kg	Mini USB Port
CSFD-5-S	5W Module With Frame (5.5V DC, 4.5m cable) or 5W Module Without Frame (5.5V DC, 0.8m cable)	25Wh/day			1pcs or 2pcs	313*231*165mm 1.6kg	
CSFD-10-S	10W Module With Frame (5.5V DC, 4.5m cable) or 10W Module Without Frame (5.5V DC, 0.8m cable)	50Wh/day			3pcs or 4pcs	624*234*164mm 3.0kg	

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



SYSTEM APPLICATIONS | LIGHTING & CHARGING



SYSTEM | COMPONENTS

- **Solar module:** Converts sunlight into electricity
- **Li-ion battery:** Stores energy generated by solar module
- **LED lamps:** The intensity of lamp is adjustable, with two power modes
- **System controller:** Protects battery from over charge and over discharge, USB output from over load and short circuit, solar module and battery from reverse polarity
- **Charging indicator:** Indicates charging status of Maple system
- **USB port:** Charge cell phone and other small electronic devices
- **Battery & USB status indicator:** Indicates battery over discharge or low voltage, USB output over load or short circuit

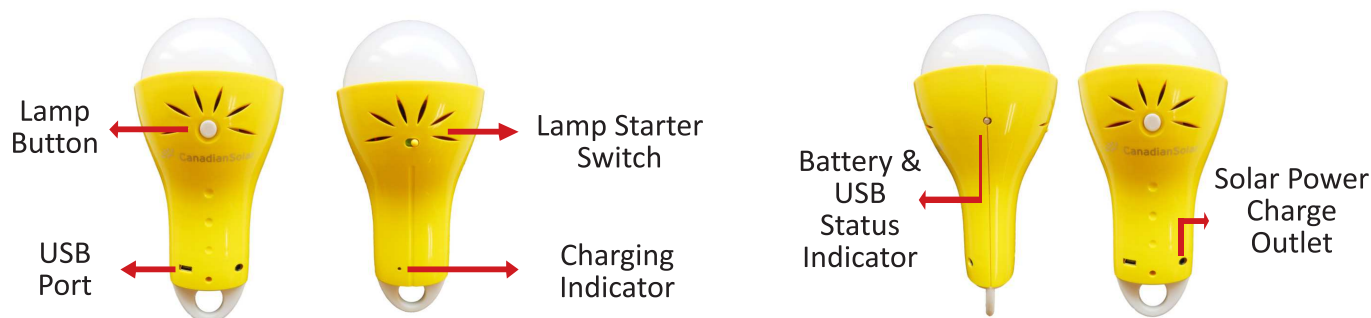
SYSTEM | WARRANTY

1 Year

QUALITY | VALUE

Canadian Solar’s products are manufactured with durable quality materials. Our continuous innovation, meticulous design and production techniques, combined with rigorous quality control, in-house testing and adherence to strict international quality standards, ensures superior performance and great value.

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. As a leading manufacturer of solar modules and PV project developer with over 6 GW of premium quality modules deployed around the world in the past 12 years, Canadian Solar is one of the most bankable solar companies in Europe, USA, Japan and China. Canadian Solar operates in six continents with customers in over 70 countries and regions. Canadian Solar is committed to providing high quality solar products, solar system solutions and services to customers around the world.

Partner Section

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