MAPLE 3 SOLAR ENERGY SYSTEM

Maple 3 solar energy system is a multi-functional device which can be used as a regular light at home or for camping, as a SOS signal in emergency, a mobile power bank for consumer electronics, such as phones, PAD, MP3 etc.... Maple 3 can also power 5 V DC electronic devices.

Maple 3 is a very economical solution for people in areas with no access to electricity. It is also a very convenient lighting/charging solution for people who love to spend time in nature, such as camping, hiking and etc... electronic devices.

SYSTEM FEATURES & BENEFITS

- Solar module provides solar power to lithium battery
- Battery can also be charged by AC power via adapter
- 4400 mAh high quality lithium battery capacity
- BMS to protect battery from overcharging, over discharging or short circuit
- Real-time battery volume indicator
- About 8 hours to fully charge the battery by solar module
- About 5 hours to fully charge the battery using AC power Adaptor
- System is designed with a life time up to 5 years

MANAGEMENT SYSTEM CERTIFICATES

ISO 9001:2015 / Quality management system
ISO 14001:2015 / Standards for environmental management system
OHSAS 18001:2007 / International standards for occupational health & safety

PRODUCT CERTIFICATES

CFR 47, FCC Part 15 Subpart B
ANSI C63.4-2014
EN 61547: 2009

CANADIAN SOLAR INC. is committed to providing high quality solar products, solar system solutions and services to customers around the world. As a leading PV project developer and manufacturer of solar modules with over 33 GW deployed around the world since 2001, Canadian Solar Inc. is headquartered in Canada, and was ranked #1 Module Supplier for Quality and Performance/Price Ratio in the latest IHS Module Customer Insight Survey.

CANADIAN SOLAR INC.
545 Speedvale Avenue West, Guelph, Ontario N1K 1E6, Canada, www.canadiansolar.com, maple@canadiansolar.com
The total system components includes PV Module, Energy Storage Lamp, USB Cable and Ring Holder.

- **Solar module**: Converts sunlight into electricity.
- **Li-ion battery**: Stores energy generated by solar module or adaptor.
- **LED lamps**: Three levels of adjustable brightness, SOS flashing functions.
- **USB Port**: Supplies power for small electronic devices, such as phone and USB fan etc.
- **Indicators**: Charge, discharge, alarm and real-time battery indicator.
- **System protect**: Protects battery from overcharging, short circuit and over discharging, meanwhile protects USB output port from overload and short circuit.

### PARTNER SECTION

* The specifications and key features contained in this datasheet may deviate slightly from our actual products due to the on-going innovation and product enhancement. Canadian Solar Inc. reserves the right to make necessary adjustment to the information described herein at any time without further notice.

---

**CANADIAN SOLAR INC.**

545 Speedvale Avenue West, Guelph, Ontario N1K 1E6, Canada, www.canadiansolar.com, maple@canadiansolar.com

* The above data are based on CSFD-3-C2 which is measured under 25 ℃. Under Standard Test Conditions (STC) of irradiance of 1000 W/m².

To extend battery life, it is recommended that the lamp is charged once every three months.