

ANDES DC SOLAR HOME SYSTEM(P Series)

SOLAR POWERED



Highly portable and easy installation

Integrated FM/AM Radio and USB port with multiple adapters

Reliable and durable performance

Economic and convenient electricity solution

Salt mist corrosion resistant

Canadian Solar's innovative and aesthetic Andes Solar Home System (Andes SHS) is designed to provide an economical source of electricity to homes and communities without access to electricity or where electricity supply is scarce.

SYSTEM | TECHNICAL DATA

Model	System Voltage	Power Output	PV Module	Packaging (mm)	Module Packaging (mm)	Battery Capacity
CSFDC-30-1244	12V DC	115Wh/day	30Wp	545*350*310 11.9 kg	666 x 432 x 35 3.6 kg	24Ah
CSFDC-50-1233	12V DC	187Wh/day	50Wp	545*350*310 15.4 kg	608 x 666 x 35 5.1 kg	33Ah

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

SYSTEM | LOAD REFERENCE

Load	3W Lamp Only	Radio Only (3W)	5W USB Charger Only
CSFDC-30-1244	38 Hours	38 Hours	23 Hours
CSFDC-50-1233	62 Hours	62 Hours	32 Hours



SYSTEM APPLICATIONS | POWERING**SYSTEM | WARRANTY**

2 Years

ACCESSORIES | WARRANTY

1 Year








QUALITY | VALUE

The Andes Solar Home System comes with high quality, reliability 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 the Andes Solar Home System the best in class in today's off-grid product market.

SYSTEM | COMPONENTS

- **PV Module:** Converts sunlight into electricity
- **Lead Acid Battery:** Stores energy generated by the PV module
- **System Controller:** Provides battery over charge and over discharge protection, DC and USB output over load and short circuit protection, solar module and battery reverse polarity protection, anti-reverse charging and temperature compensation functions
- **LED Display:** Displays the status of battery charge and discharge, and warnings of low voltage, over discharge, output short circuit and over load
- **USB Port:** For cell phone, radio, and other electronic devices that require a 5V DC charging voltage
- **Integrated Radio & MP3:** Receives radio channels on the FM/AM dual frequency band and MP3 player

SYSTEM | PORT & CONFIGURATION

PV Module	System Housing With Radio & MP3	Battery	Cable & Lamp	Multiple Cell Phone Charge Adapters	DC Port	USB Port
						
1 pcs	1 pcs Material: ABS	1 pcs (Integrated in the control box)	3W LED Lamps: 2 pcs	1 pcs (Support iphone/ Nokia/ Motorola/ Samsung/ SonyEricsson)	4 pcs Rated Output: Voltage: 12V 4 Ports Total Current:3A	1 pcs Rated Output Voltage:5V Rated Output Power:5W Rated Output Current:1A

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 about 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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