SOLAX POWER

SolaX Box
Battery Backup

High Efficiency and Extensive Durability

SolaX Box

Fully Integrated Solar Battery Storage System

Gain more energy independence by adding a Cool or Cosy Battery Backup to your Solar System.

In a traditional setup with only panels and an inverter, your home uses the energy being produced and the excess is sent off to the grid. The **battery intercepts this energy and stores it** for later use, so you no longer need to be at home to experience the solar difference.

A battery backup system allows you to **store energy** while the sun is shining, with the ability to store surplus power generated by the solar system for use at night or on cloudy days – helping reduce your energy bills even further. You also have stored power to use if the grid goes down, or at any other time you need it.

A **Cool or Cosy solar and battery system** will safely disconnect your home from the grid in the event of a power outage; your system will then switch over the power stored in the battery system providing you continuous power to your essential circuits, even in times of blackout. Making sure you can still run appliances, even if the grid goes down.
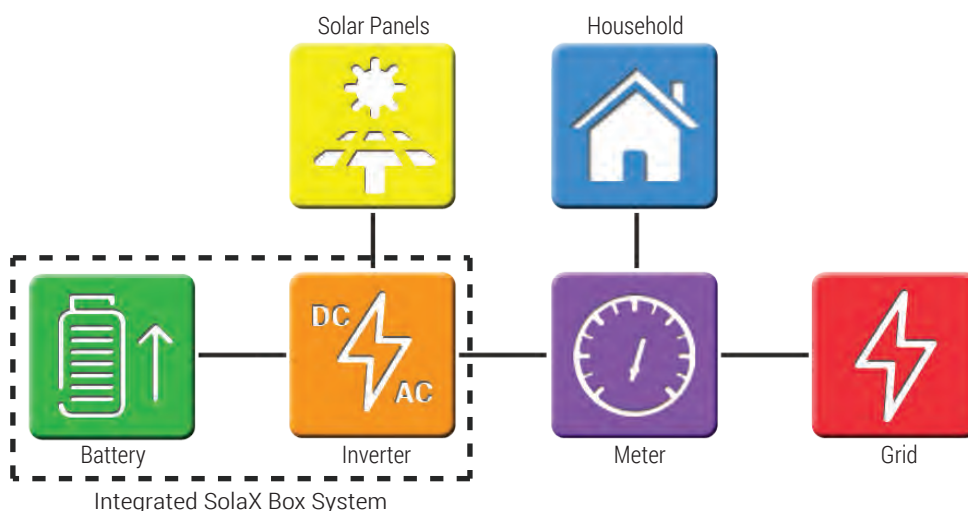
At Cool or Cosy we offer the highly efficient and durable **SolaX Box battery backup system**.

SolaX Box features:
- Factory integrated manufacture to ensure 100% system compatibility;
- Inverter and Lithium-ion batteries;
- 7-inch high resolution colour touch-screen display;
- Built-in Wi-Fi monitoring;
- Programmable configuration to match your personal needs;
- High performance Lithium-ion batteries;
- Back-up power during blackouts;
- Built-in superior junction box for less wiring & easier operation;
- Designed in Germany;
- Transportable – Take with you if you move house.

For quality battery backup systems get in touch with one of our representatives by calling 08 8352 5588 to arrange a FREE No-Obligation FIXED-Price assessment and quotation.

How Does the System Work?

Solar Panels | Household

Battery | Inverter | Meter | Grid

Integrated SolaX Box System

Benefits of the SolaX Box

Storage & Charge

The SolaX Box stores up to 15 KWH of power.

Your solar system will charge your battery in 4 – 8 hours, depending on the system size.

The battery will store excess energy produced by your solar system which you can use later.

Backup

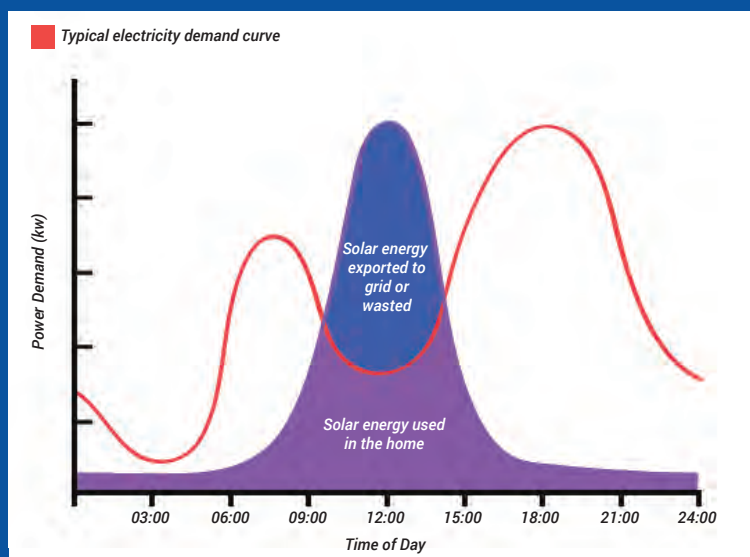If the power goes out you can stay comfortable and keep your appliances running.

A properly designed Cool or Cosy solar and battery system safely disconnects your house from the grid in the event of a power outage; your system will then switch over the power stored in the battery.
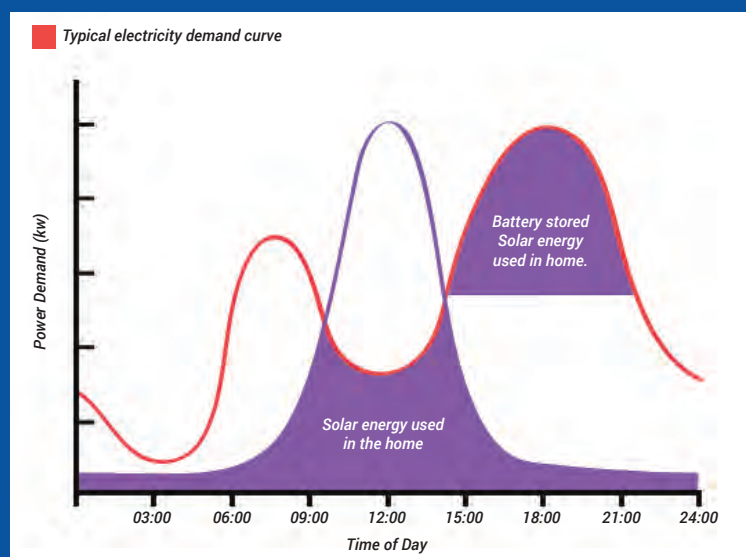
Finance

Our unique 'Rent-to-Own' Plan can have you enjoying the benefits of Energy Independence for ZERO $ Upfront and the savings you make from using all of your generated Solar Power (instead of giving it to the power companies for a few cents) can often pay for the battery system without you having to dip into your own pocket!

Solar Energy Usage – No Battery

Typical electricity demand curve

Power Demand (kw)

Solar energy exported to grid or wasted

Solar energy used in the home

Time of Day

03:00 06:00 09:00 12:00 15:00 18:00 21:00 24:00

Solar Energy Usage – With Battery

Typical electricity demand curve

Power Demand (kw)

Battery stored Solar energy used in home.

Solar energy used in the home

Time of Day

03:00 06:00 09:00 12:00 15:00 18:00 21:00 24:00
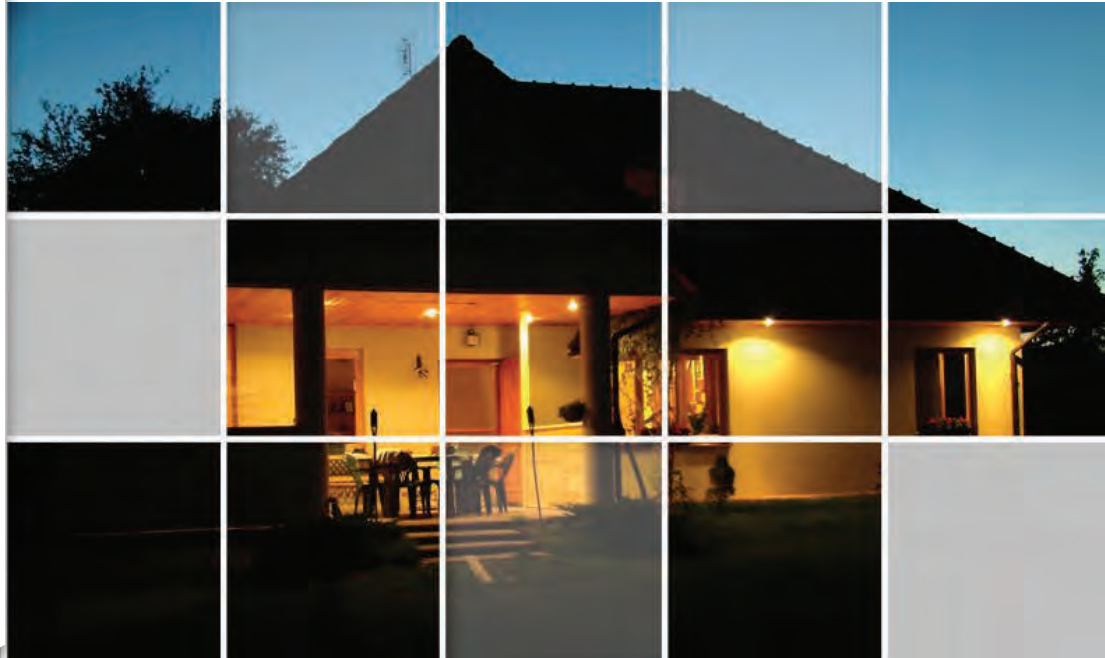
Mobile Battery Monitoring

The ability to monitor your Battery anytime, anywhere.

- ✓ 24 hours monitoring for Windows/Android/Apple devices. All you need is a WiFi connection.
- ✓ Multilingual user interface options: English, German, Chinese and Italian.
- ✓ Easy data reading with vivid charts and graphs.
- ✓ Daily/weekly/monthly report sent to designated email address.
- ✓ *FREE monitoring by Cool or Cosy to ensure system integrity and performance.

*Free monitoring with Solar Rental contract

SolaX Box Technical Specifications

Technology	Rechargeable lithium ion battery with liquid thermal control
Storage capcity	Up to 15 kWh
Warranty	5 year On-Site comprehensive (including batteries)
Efficiency	94% DC round-trip
Power	3.3 kW continuous
Voltage	125 – 530 volts
Current	12 A
Cycle life	4000 (over 10 years @ 1 cycle per day)
Compatibility	Single phase and three phase utility grid compatible
Operating Temperature	-10°C to 50°C
Installation	Requires installation by a trained electrician
Weight	200 kg (with 6 batteries)
Dimensions	1626 mm x 678 mm x 655 mm
HMI Interface	7" graphic LCD
Communication	Ethernet/WiFi/Dry contact

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