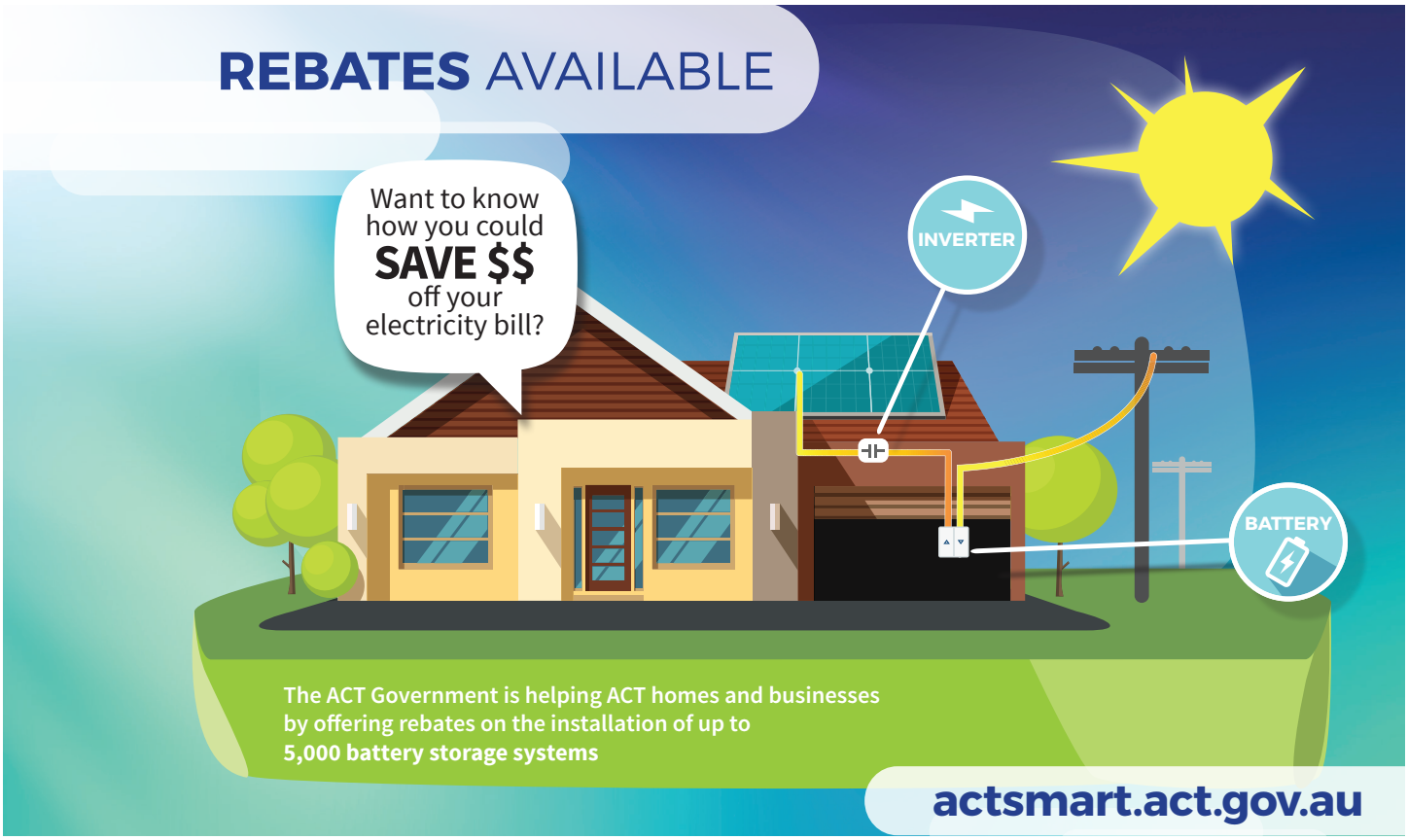
household battery storage

If you're looking to invest in battery storage but need some more information, you've come to the right place. Here are some things you should know before choosing to install a solar battery system.



What is battery storage and why should I get it?

Batteries can be used to store energy from renewable and other sources, including from your rooftop solar panels. Throughout the day, your rooftop solar panels capture energy from the sun, which is transformed into power for your home by an inverter. Excess energy generated by your solar panels is sent to your battery. This means you can use the stored energy to power your home when you need it most – including at night, when it's overcast, or at peak times when electricity is most expensive to buy from the grid, helping you save on your energy bills.

Depending on the battery storage setup, you may also be able to access backup power during an outage.

The benefits don't stop there. Tapping into the power of the sun helps the environment by reducing greenhouse gas emissions.

How is the ACT Government helping?

The ACT Government is providing support under the Next Generation Energy Storage program for the installation of up to 5,000 battery storage systems in ACT homes and businesses. The current rebate is **$825 per kilowatt (kW)** up to a maximum of 30 kW. A standard household with a 5 kW system would typically be eligible for around $4,000 in support. The rebate is automatically included in the cost of the system quoted by providers.

Providers will be able to give more information on the support available for a specific system.

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How do I access the program?

The program is delivered through eight battery storage providers, which were selected by the ACT Government after a competitive selection process. To access the program, start by contacting one of the following providers:

- ActewAGL Retail
- EPC Solar
- Evergen
- Harvey Norman Commercial Division
- ITP Home Energy
- Power Saving Centre
- Solargain
- SolarHub.*

***Disclaimer**
The ACT Government is not endorsing these companies or their products. Anyone considering battery storage should exercise their own judgement.

What is an eligible system?

To be eligible for a rebate, your new battery system must:

- be a new system that has not already been supported by the program
- be connected to the electricity grid
- be coupled with solar panels
- include a new inverter.

Solar panel systems currently supported by a premium feed in tariff (FiT) are not eligible for support under the program. However, you may be able to add a new 'standalone' solar and battery system at your residence to access the rebate.

For eligible systems, the rebate is automatically included in the cost of the system quoted by providers. Providers will be able to discuss your requirements with you and advise which systems are eligible for support.

What about safety and reliability?

According to Australia's Clean Energy Council, battery storage is very safe if used properly and well maintained. However, as with all electrical equipment, there are some potential risks.

All battery equipment and installation supported under the program must comply with the ACT electricity legislation and relevant Australian and international standards.

All providers are also required to provide a minimum 10-year warranty for their batteries. It is important that you check the warranty offered, and whether this will cover the way you intend to use the battery.

How much does a battery cost?

If you are adding the battery system to your existing rooftop solar, a typical residential system will cost between $8,000 and $10,000 after the rebate has been applied.*

If you do not already have rooftop solar, a typical residential system combined with solar panels will cost between $13,000 and $18,000 once the rebate has been applied.*

***Disclaimer**
System costs and payback periods vary significantly depending on a range of factors including but not limited to energy usage and electricity prices, technology type, brand and system size.
You should discuss this with your provider.

More information

For more information you can email **NextGen@act.gov.au**