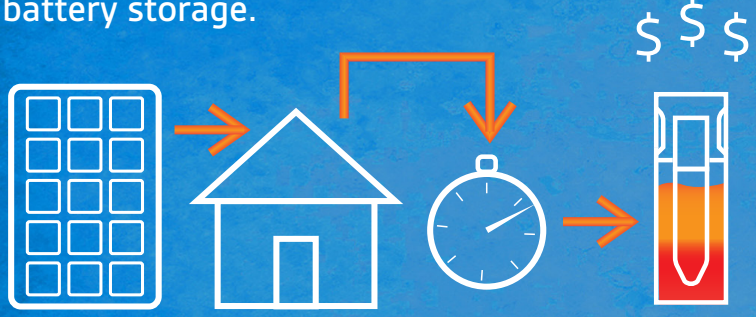
istore
AIR TO ENERGY

270 L
ENERGY STORAGE HOT WATER SYSTEM

AIR TO ENERGY

As we shift toward the era of energy independence, with battery storage being the choice for clean power, the iStore offers a cost-effective, reliable alternative to battery storage.



Maximise the potential of the iStore by syncing it with a solar power system. The easy-to-use, built-in smart timer will offset any excess power to the iStore, saving you even more.

- ***Make the most of your solar PV system***
- ***Most cost-effective energy storage solution on the market***
- ***Receive STCs (Small-scale Technology Certificates)***
- ***Generate hot water all year round***



14 kWh LITHIUM ION BATTERY STORAGE EQUIVALENT*

PRODUCT REVIEW .COM.AU
2021 AWARDS WINNER
SOLAR WATER HEATERS

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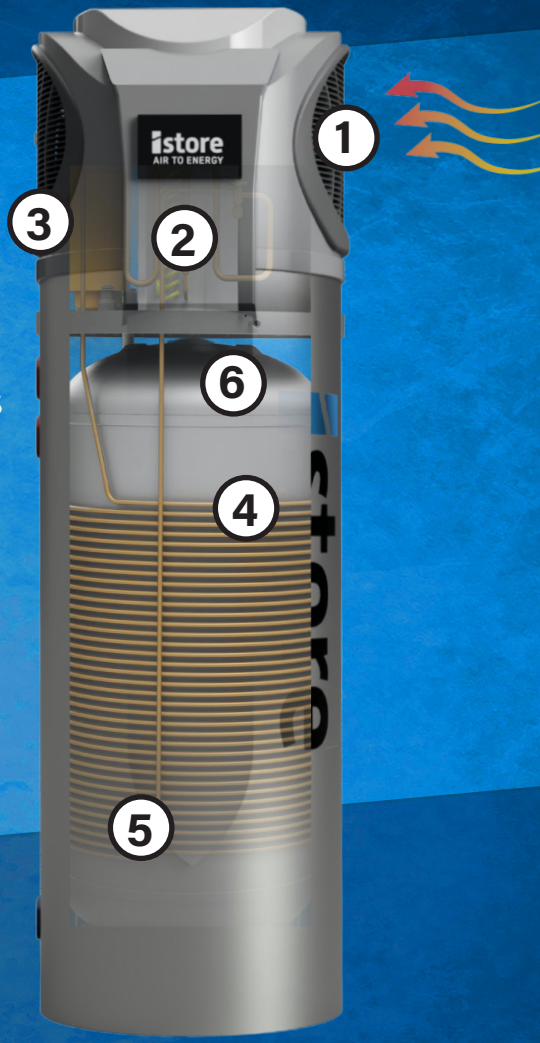
HOW IT WORKS

1. A fan draws in air, containing heat energy, across the evaporator
2. The evaporator turns the liquid refrigerant into a gas
3. The compressor pressurises the refrigerant into a hot gas
4. The hot gas inside the condenser coil heats the water inside the coil-wrapped tank
5. The refrigerant reverts back to a liquid after heating the water and continues to the evaporator for the process to start again
6. The cycle continues until the set target temperature is achieved



Some very cool benefits & features

Economical - The iStore boasts 4 intelligent operating modes adapting to all situations, including a hybrid mode for when additional guests are staying in your home and a vacation mode for when you are away on holidays

Optimal design - External wrap around heating coil provides maximum thermal energy transfer

Easy to install - The iStore is easy and quick to install

Low consumption - The iStore consumes approximately 1 kW of power during the air-to-energy process (average household running cycle is 3 - 4 hours = 3 - 4 kWh total)

Money & energy savings - For the average Australian household, heating water accounts for up to 30% of the total energy usage. The iStore saves you hundreds while saving the planet!

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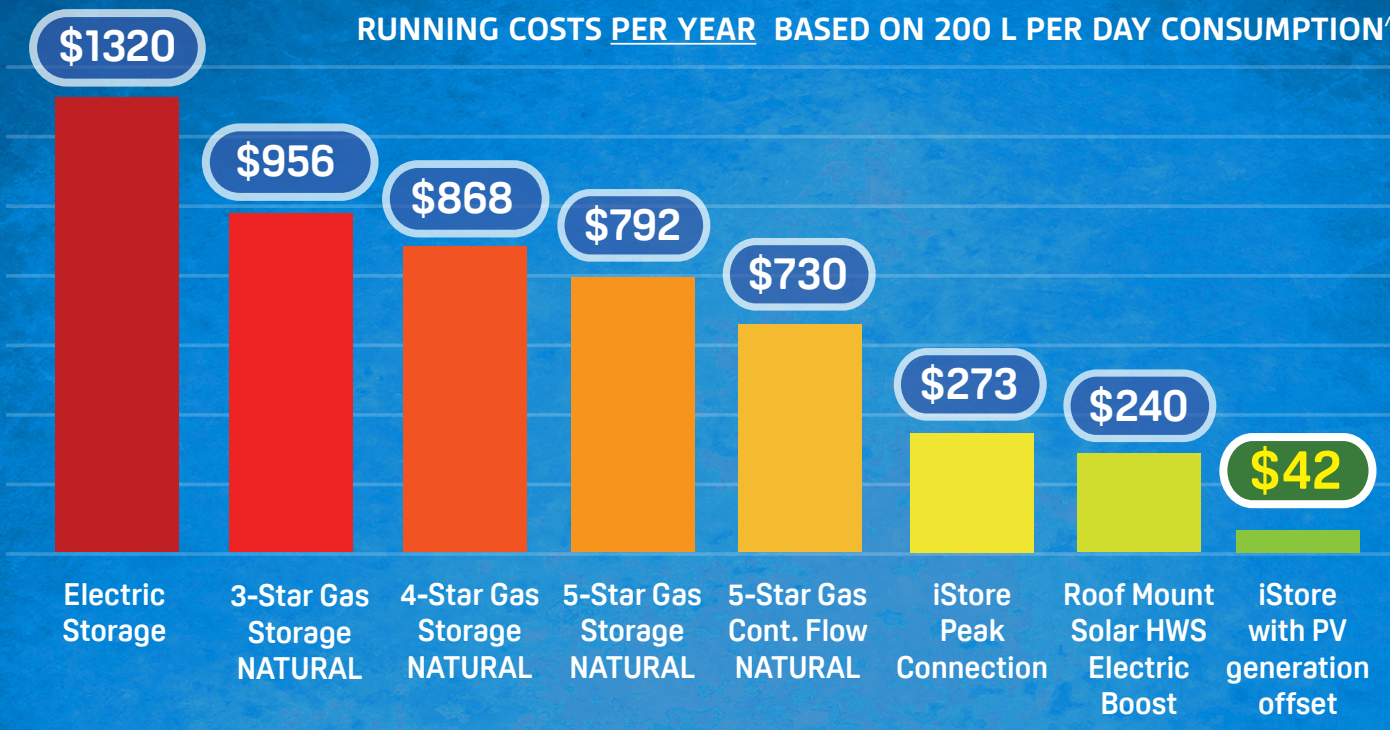
SAVE HUNDREDS WITH ISTORE



CONVERSION OF 400% GREEN ENERGY

Thermal Energy is captured from the surrounding air and is used to heat the tank water



The iStore uses advanced technology to store 4 kW of heat energy for every 1 kW of power consumed.

That's a remarkable **400%** transformation of green energy that you can use to power your home's hot water needs, while lowering your greenhouse carbon emissions.

The ingenious design of the iStore makes it one of the most efficient hot water storage solutions on the market.

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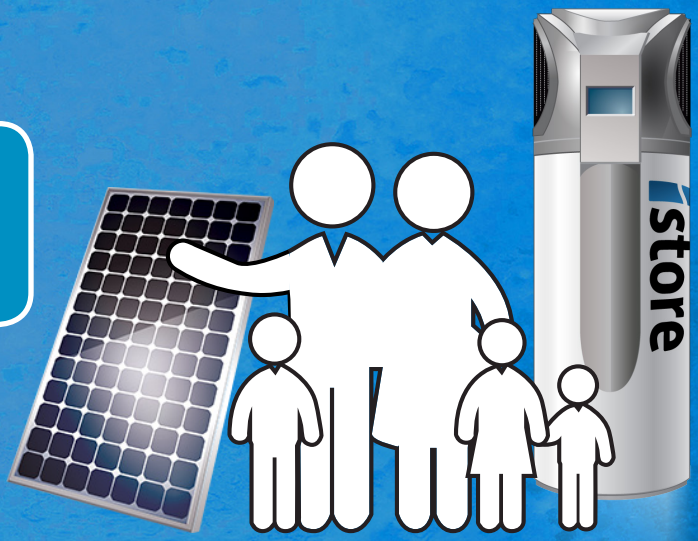
SOME REAL-LIFE RESULTS



A family of 5 installed an iStore Air-to-Energy system and **saved $212.64** on their November 2018 energy bill*

They then added solar panels with their iStore and **saved $444.44** on their February 2019 energy bill



Billing Period	Billing Days	Daily Usage	Total Usage	Total Bill Cost
OCT 2018	59	27.4 kW	1614 kW	$518.14
NOV 2018	57	17.2 kW	982 kW	$305.50
FEB 2019	**67**	**6.9 kW**	**461 kW**	**$73.30**

~Individual savings may vary



PARTS & LABOUR INCLUDED

* 14 kWh is the average power consumption used by standard 270 L electric hot water systems.

^ Tariffs based on WA pricing, $0.25 per kWh for electricity, Natural Gas price of $0.0351 c/MJ & LPG price of $1.25/L. Actual savings may vary on household usage, solar power system and climate conditions.

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