

**xStorage Home**  
Eaton Nissan Home energy storage

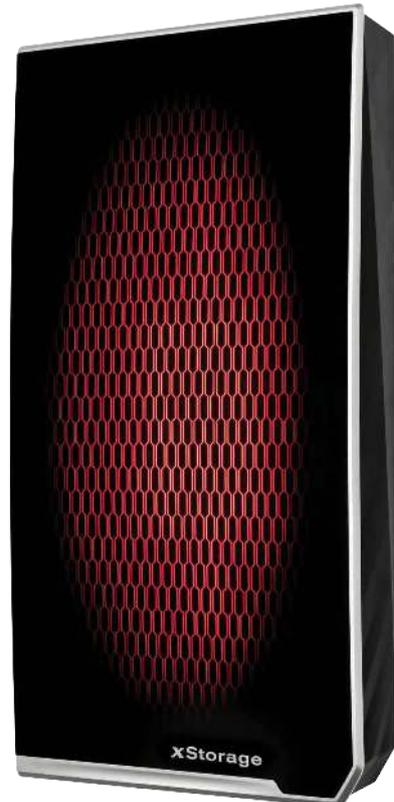


# Homeowners need to take control of their energy supply to address multiple challenges:

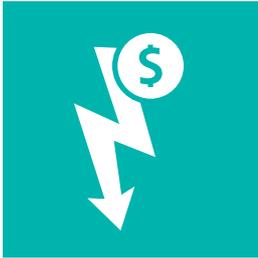
- Increasing power bills
- Variable electricity rates
- Power outages
- Potential natural disasters
- Intermittent solar pv production
- Decreasing incentives for solar pv production



**xStorage Home** helps store energy and control how and when to use it in homes.



# Benefits for homeowners



## Lower electricity bills

Connected to residential power supply and/or renewable energy sources such as solar panels, the unit helps save money on electricity bills by charging up when renewable energy is available or energy is cheaper (e.g. during the night) and releasing that stored energy when demand and costs are high.



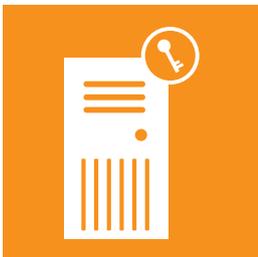
## Lower CO2 footprint

By storing, consuming or selling renewable energy back to the grid, homeowners are contributing to the decarbonisation of the energy supply, maximizing consumption of onsite generation, primarily solar energy.



## Ease of installation and use

This integrated unit ensures safety and performance when storing and distributing clean power. Once set-up by a certified installer, it is ready to work, giving homeowners the ability to plug in and power up easily. It also has smartphone connectivity to enhance usability and allow them to switch between energy sources at the touch of a button.



## Safe technology

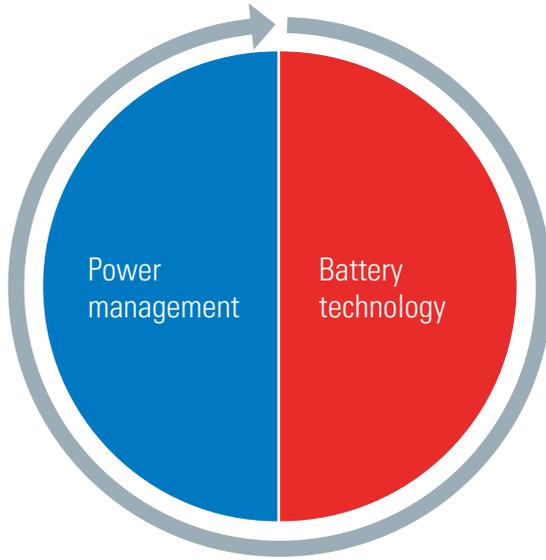
The technology is industrialized, tested and configured to deliver high levels of quality, reliability and performance. As a power management company with over 100 years experience and leader in Uninterruptible Power Supply (UPS), Eaton brings a depth of experience that is unmatched by most storage players. Nissan is the leader in Electric Vehicles and is a proven, high volume, maker of reliable Li-Ion batteries that meet the high safety standards of the automotive market.



## Customer service

The system is supported by a network of over 1,000 distributors, working with qualified installers in 77 countries.

# xStorage Home has been developed by two leaders in areas critical to Energy Storage



**Leader** in both electrical energy for buildings and in power electronics with **a depth of experience** unmatched by most storage players

**Leader** in Electric Vehicles and a proven, high volume, maker of reliable Li-Ion batteries **for 15 years**

## Making energy storage simple for you

### Minimized risk



- Two global brands with strong financials
- A strong heritage of success
- Technology leadership

### Customized solution



- Customizable power rating and energy storage capacity

### Global support

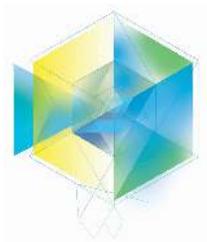


- Over 24,000 employees in more than 40 countries in EMEA
- A network of over 1,000 distributors working with qualified installers in 77 countries

# Technical overview

Cell technology	Lithium-ion		
Battery type	Second life	New	
Storage Capacity	4.2 kWh	6 kWh	9.6 kWh
Availability	2016	2016	end 2017
Battery life	10 years (under certain conditions)	10 years (under certain conditions)	10 years (under certain conditions)
Power distribution	Single phase; Three phase (2017)		
Power rating	3 – 6 kW		
Input	AC, 184Vac-264,5Vac DC for PV, 150 – 500 Vdc		
Operating Temperature	0°C – 30°C		
System efficiency	97%		
System weight	100 kg		
Installation type	Wall mounted		
Installation environment	Indoor		
Certifications	2011/65/EU (RoHS) EMC Directive 2014/30/EU Security Guide 2014 – Li-Ion domestic storage harmonised standards and valid transport and packaging regulations		

Smart and  
clean power.  
Made simple.



ENERGY STORAGE

[eaton.eu/energystorage](http://eaton.eu/energystorage)



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