

xStorage Brochure



xStorage Buildings brochure

EATON

Powering Business Worldwide

NISSAN
MOTOR CORPORATION

Get ready for rising energy challenges

More and more people, buildings and facilities connect to the grid around the world. How can you be sure there will still be power for your buildings or your facility when you need it?

Fossil fuels are phasing out. What will be your reliable energy supply in the future?

Renewables energy sources are good for the environment and you may already have solar panels or a wind farm installed nearby. But how do you access clean energy when there is no sun or wind?

This is where xStorage Buildings can help

xStorage Buildings enables commercial and industrial facility managers and operators to store energy so that it can be used on demand to provide cleaner and more reliable power, as a back up power source, or to participate in demand response programs selling energy back to the grid.



Discover xStorage Buildings

xStorage Buildings is a single unit that combines several aspects of energy storage and power delivery in one system. This functionality includes multiple energy inputs that can be renewable, fossil and from the grid, battery storage using second-life or new batteries, and bidirectional power flow capabilities for clean and balanced delivery.

What xStorage Buildings can do for you



Build Resiliency

xStorage Buildings improves your resiliency and ensures business continuity.



Optimize your energy

xStorage Buildings can optimize your energy bills and operational expenses.



Go green

xStorage Buildings can enhance your green credentials.



Lower your Total Cost of Ownership

xStorage Buildings combines high performance with long service life.

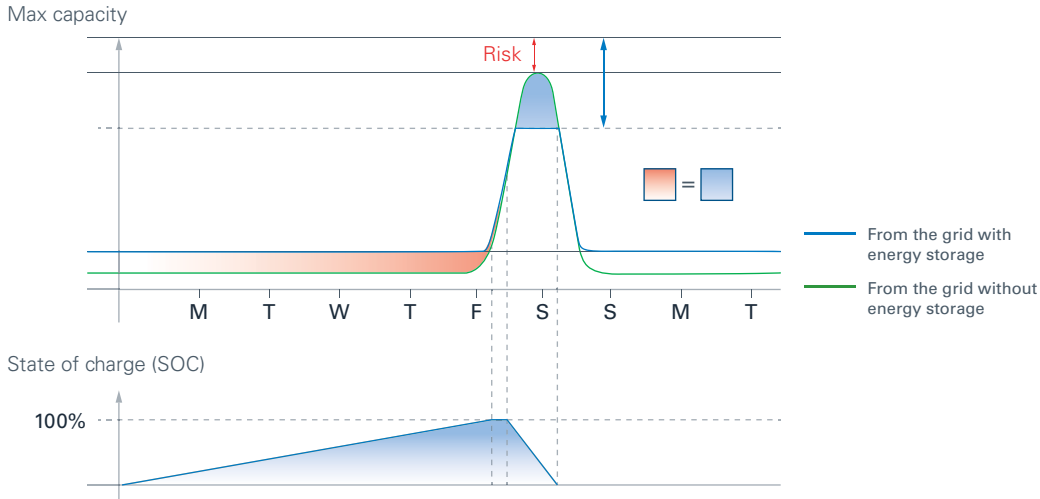
Build resiliency and optimize your energy

Ensure Back up power and avoid costly downtime

xStorage Buildings can provide you with energy if the grid fails, ensuring critical systems keep running and you avoid costly downtime.

Peak shaving

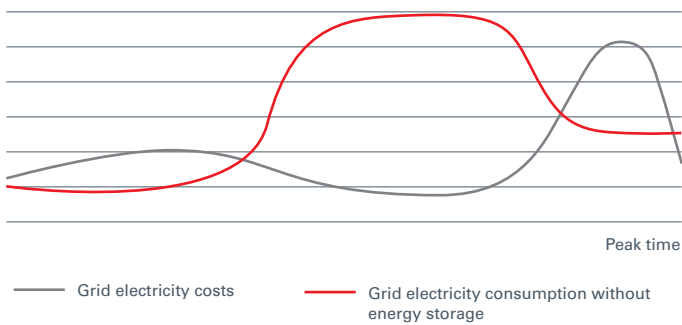
xStorage Buildings stores energy from the grid during off-peak times or when renewable energy is available and releases it during peak times so that you don't go over your maximum demand and you therefore reduces cost through self-consumption.



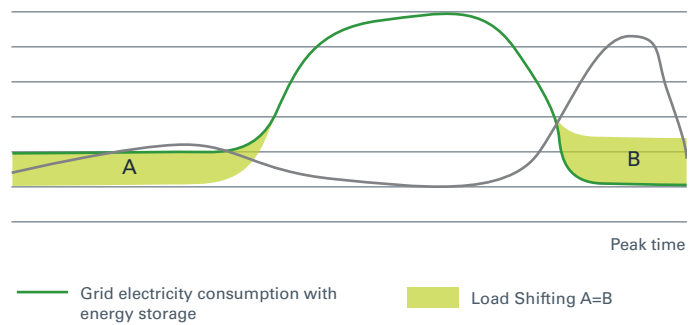
Load shifting

xStorage Buildings can help you manage your electricity ensuring that, when demand increases, energy can be released to provide for higher loads. It can also be pre-programmed to manage loads at regular times where load change is inevitable and at times when grid electricity prices are highest.

Grid energy consumption without energy storage



Grid energy consumption with energy storage

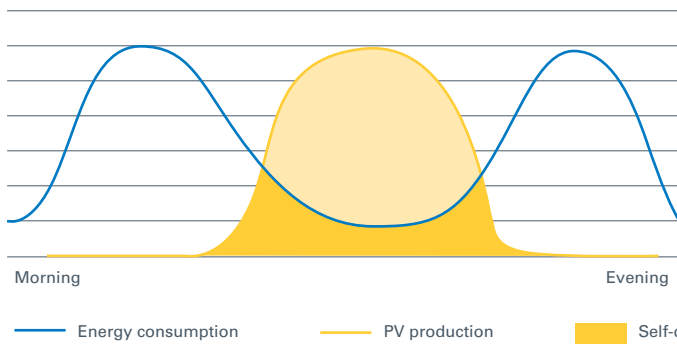


Enhance your green credentials

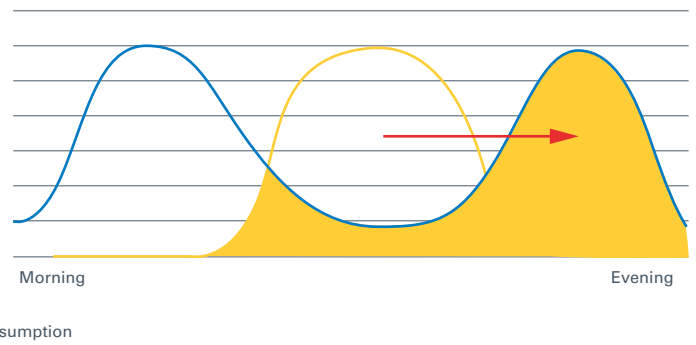
Increase renewable self-consumption

xStorage Buildings stores renewable energy when the sun is shining or wind turbines are in action to use morning, noon and night.

Solar self-consumption without energy storage



Solar self-consumption with energy storage



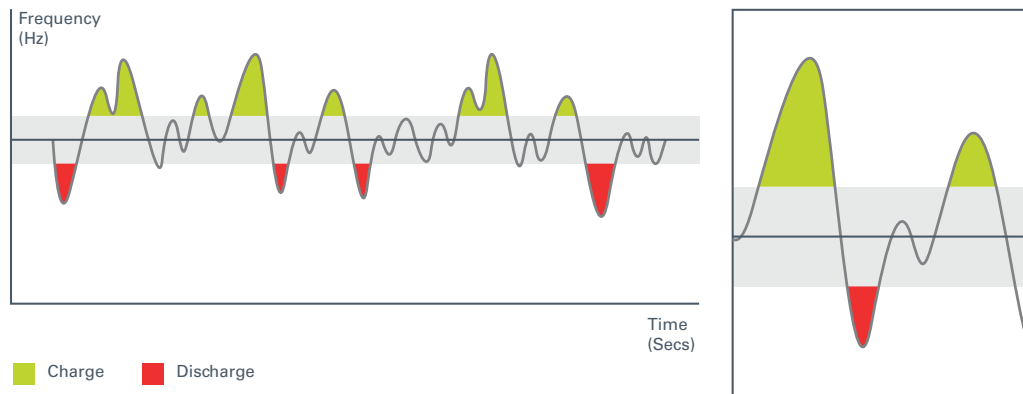
Ensure regulatory compliance

As stricter regulations are implemented around commercial and industrial buildings, xStorage Buildings fully supports your facility in reaching resiliency and sustainability requirements.

Generate revenues

Take part to frequency regulations

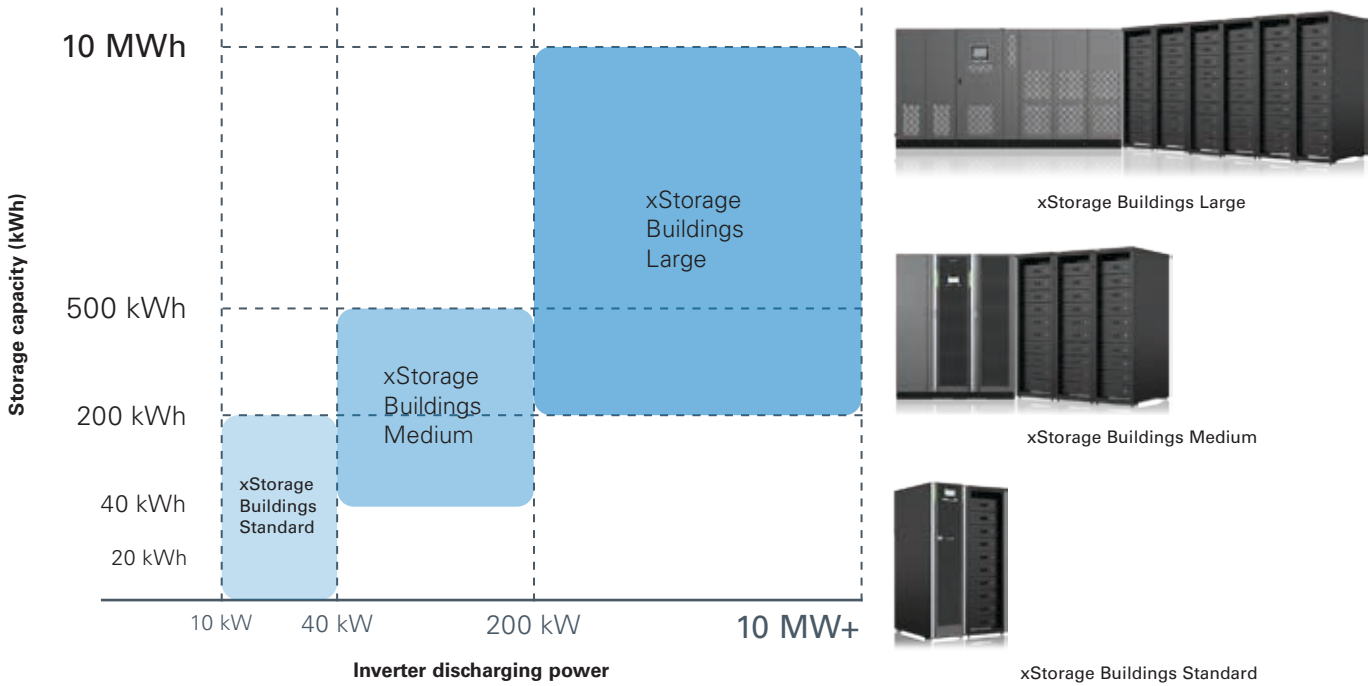
xStorage Buildings can store energy and releases it to the grid for frequency regulation and contribute to the stability of the grid.



Participate to demand response program

xStorage Buildings can store energy and releases it when required enabling you to take part to demand response programs.

xStorage Buildings is modular and scalable



xStorage Buildings can be used in multiple applications

xStorage Buildings effectively supports stadiums, arenas, shopping malls and hotels in managing their peaky energy usage. It also enables healthcare centers, datacenters and other public facilities to access critical clean reliable power.



We can help you with

- Determining the optimal energy storage package to meet your specific needs
- Installing proven technology developed by a global power management leader backed up by customer service capabilities
- Reducing your risk as the energy picture continues to change in the coming years

Get in touch

We would love to hear from you and help you optimize your energy.

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