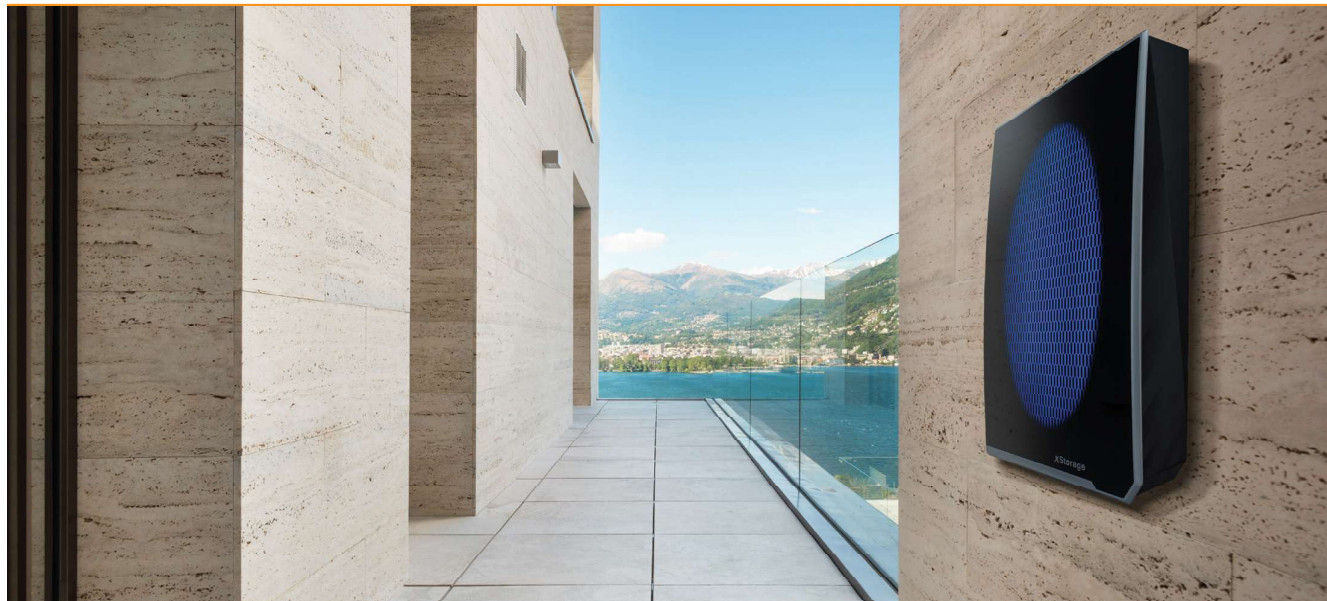


xStorage Home Single Phase System Combinations Overview



Features

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

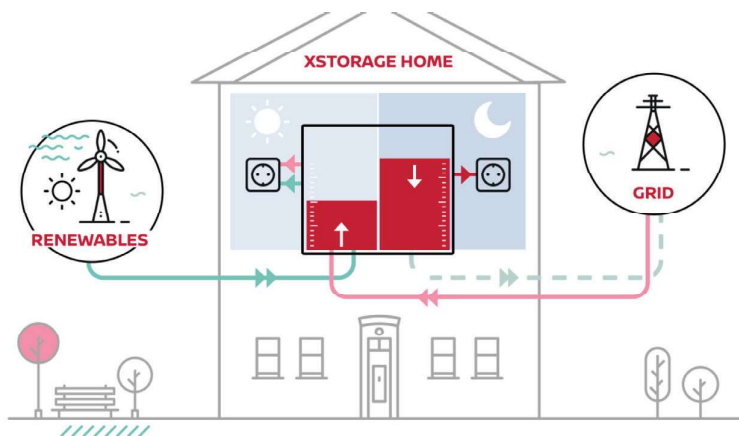
How xStorage Works?

Used to provide Grid Services: xStorage Home could charge from the grid or discharge to the grid in order to generate the flexibility needed to further increase the penetration of renewable energy

Renewables: xStorage Home can store energy from your renewables installation (Solar panels, wind power, subfloor heating...) and allow to use that energy for your home when you need it

XStorage Home: The battery stocks both grid and renewable energy during the day, allowing you to source it how you want and when you want. Thanks to Nissan + Eaton technology, you have the power (and can even give some back to the grid as well).

Redistribute over production of renewables: Sometimes, your renewables are producing more energy than needed to power the load. Therefore, xStorage Home injects the energy back into the grid when the demand is high.



Ordering Information

Product Code	Battery Capacity (nominal)	AC Inverter Power (nominal)	Max. Recommended PV Input Power	Full System Weight (appr.)	Full System Dimensions (appr.) (HxWxD)
X Storage 6-6	6kWh	6kW	4.8kW	135kg	1230x890x220mm
X Storage 6-7.5	7.5kWh	6kW	4.8kW	135kg	1230x890x220mm



Battery Pack

Nominal	6kWh
Cell Chemistry	NMC (lithium nickel manganese cobalt oxide)
Max Charge/Discharge Current DC	54A
DC Battery Input Voltage	74.4 - 98.4V
Overcharge Protection	Fuse + Contractor
DoD	90%
Warranty – Battery Life Time	10 years (1 full cycle per day i.e., charge and discharge)
Dimensions(HxWxD)	442x781x175mm
Weight	83kg

Hybrid Inverter For 6kWh Battery Pack

PV Input (DC)	Inverter Power Range	6kW
	Max. DC power	4.8kW
	Maximum DC Voltage	500V
	Nominal DC Operating Voltage	100 - 500V
	MPPT Max. Voltage Range	240 - 500V
	Max. Input Current	20A
	Initial Feeding Voltage	150V
	Number of MPP Trackers	1
Load/Grid Output (AC)	Nominal Output Power	6000W
	Nominal AC Output Current	26.1A
	Max. AC Current	29A
	AC Wiring System	Single phase/N/PE, TN, TT, IT (additional fuse or CB required)
	Power Factor	0.99 (Grid-Tie), ±0.9 (Off-Grid)
Efficiency	MPPT Efficiency	>99%
	Maximum Efficiency (Battery to AC)	>90%
	PV to Grid Max. Efficiency	97%
	Standby Losses	<10W
Physical Properties	Dimensions (HxWxD)	515x796x182mm
	Weight	37kg