



ENERGY STORAGE WALL BOX WITH INTEGRATED LITHIUM BATTERY

storelio[®] delivers at night your solar energy produced throughout the day

- Solar panels power in priority the energy needs of your home
- Energy surplus is automatically stored into Storelio Lithium battery for later use

storelio[®] an intelligent plug and play solution

- Ready-to-plug and maintenance free
- Noiseless and compact
- All-in-one design (inverter, Lithium battery, energy manager)

storelio[®] integrates easyLi batteries, the industrial battery specialist

- Contractual warranty of 10 years
- Service life above 15 years (depending on usage conditions)
- Designed and manufactured in France



storelio[®]
All-In-One solution



Controller dedicated to energy management



MPPT solar charger

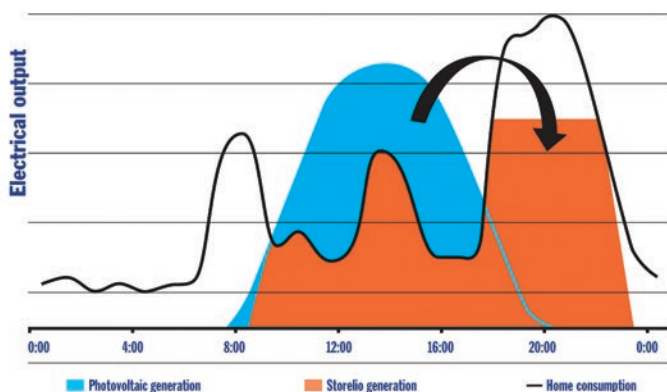


High performance Lithium battery



Inverter

Solar Power surplus is used by night



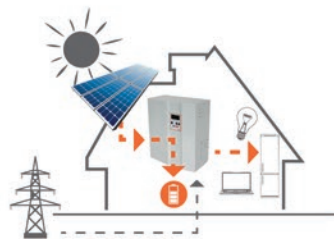
Monitoring System*



*Optional

storelio® BASICS

storelio® is connected between the photovoltaic panels and the electrical board of your home. 100% of generated solar energy is self-consumed.



DAY TIME

Solar panels power in priority the energy needs of the house. Solar power surplus is automatically stored into Storelio lithium battery for later use.

NIGHT TIME

storelio® releases the solar energy stored during the day. Peak power needs are automatically supplied from the grid.



storelio® RANGE

storelio® Model	1000 Series	2000 Series
Designation	ES101000	ES201000
INPUT (DC)		
Recommended PV sizing*	1,5kWp*	2,25 kWp*
Minimal voltage (Vmpp)	60V	60V
Maximal voltage (Voc)	150V	150V
Isc current	36A	36A
Connections	Connector type MC4 (+,-)	Connector type MC4 (+,-)
OUTPUT (AC)		
Voltage	230V - 50Hz	230V - 50Hz
Power	960W Single phase	960W Single phase
Efficiency	95%	95%
Connections	Screw terminals (PE,N,L)	Screw terminals (PE,N,L)
BATTERY		
Rated Voltage	48V	48V
Daily storage capacity	Up to 1kWh	Up to 2kWh
Battery type	Lithium FePO ₄	Lithium FePO ₄
DIMENSIONS - WEIGHT		
Dimensions (W*D*H)	530*285*600mm	530*285*600mm
Weight (including battery)	55kg	65kg
MONITORING SYSTEM (optional)		
Interface	Computer / Touchpad / Smartphone	Computer / Touchpad / Smartphone
Features	Reports / Consumptions / Warnings	Reports / Consumptions / Warnings
ENVIRONNEMENT		
Operating temperature	0°C / +40°C	0°C / +40°C
Recommended temperature usage	+5°C / +25°C	+5°C / +25°C
Protection type	IP20	IP20
Protection class	Classe I_IEC62103	Classe I_IEC62103
DC switches, included in storelio®	PV switch - Battery switch	PV switch - Battery switch
AC protection, included in storelio®	30mA earth leakage circuit breaker	30mA earth leakage circuit breaker
CONFORMITY		
Grid monitoring	VDE 0126-1-1, A1 VFR2014, VDE-AR-N-4105, CEI 0-21:2014-09 + V1:2014-12	VDE 0126-1-1, A1 VFR2014, VDE-AR-N-4105, CEI 0-21:2014-09 + V1:2014-12
Safety & EMC	CE conformity	CE conformity
OTHERS		
Interface	Alphanumeric display	Alphanumeric display
Contractual warranty	Battery 10 years Other components 5 years	Battery 10 years Other components 5 years
Service life	Above 15 years (depending on usage conditions)	Above 15 years (depending on usage conditions)

* Input voltage: 60 Vmpp / 150 Voc max. Usually 3 modules of 250Wp per string.