

Solar Power Storage Systems STOREit



Wagner Solar

ENERGIETECHNIK
ENERGY TECHNOLOGY
TECHNOLOGIE ÉNERGÉTIQUE
ENERGIETECHNIEK



With our intelligent solar power storages

you increase your consumption of self produced solar power,
reduce the electricity purchase from the public grid and achieve
independency from rising electricity prices!

BENEFITS

- **Flexible storage solutions for new and existing installations**
- **Intelligentes energy management**
- **System control via web access**
- **Powerful, maintenance-free and longlasting batteries**

DETAILS

Solar power on demand, highly independent from the grid.
Own consumption of solar power. Notably reduced electricity bills.

Maximizes own consumption through optimization of the energy flows including personal consumption habits.
State-of-the-art communication standards enable easy integration into smart home systems.

On online portals you can call up detailed system information from everywhere.

Systems with choice of highly efficient lithium-ion batteries or the trusted lead-acid batteries.



Pure sunlight - around the clock

The STOREit systems from Wagner Solar are the perfect combination of intelligent energy management and high-performance batteries. With STOREit battery packages the sun will also shine for you at night.



Forward Looking Power Storage

We trust in well-engineered and sustainable technology. All storage systems are equipped with highly efficient, durable and maintenance free lithium-ion or lead-gel batteries.

Smart Home compatible

Intelligent energy management features automatic real-time analysis of all power flows to continuously assure the optimized utilization of all generated solar electricity.

The systems recognize energy saving potentials allow for cost effective operation of load intensive appliances such as washing machines, heaters, airconditioners, heat pumps and more. Automized E-vehicle charging is another possibility.

All data in sight at any time

The solar storage systems are simply connected to the Internet. Via free web portals you can always have an eye on your solar power system. Energy flows and system data are presented in a clear and easy to understand manner. Keep optimizing your solar self consumption at any time and from anywhere in the world.

Just relax and enjoy your freedom.



YOUR STOREIT ADVANTAGES

- ✓ **Own consumption of solar power of up to 70%**
- ✓ **Notably reduced electricity bills**
- ✓ **More freedom from your utility company**
- ✓ **Straight forward visualization of the energy flows**

More Informations

www.wagner-solar.com/power/products/solar-storage-systems



High-Voltage Solar Power Storage Systems with SMA Sunny Boy Storage Inverters

- Systems designed to optimize the fraction of self-used electricity
- Inverter Sunny Boy Storage from SMA, single phase, AC coupling
- SMA Energys meter or Sunny Home Manager 2.0 (energy managment system with automatic control of appliances and real-time display of all energy flows)
- Integrated emergency power supply, optional fully automatic backup function (additional switching unit required)
- Optionally with lithium-Ion high voltage batteries from LG Energy Solution / BMZ or lithium-iron phosphate batteries from BYD
- Battery capacity 5 - 22 kWh



BYD Battery Box
Premium HVS/HVM



LG Energy Solution
RESU H Prime



BMZ Hyperion



Solar Power Storage Systems with SMA Sunny Island Inverters

- Modular systems designed to optimize the fraction of self-used electricity, also for integration in existing solar power installations
- For new installations an inverter is additionally required for connection to the power grid
- SMA Sunny Island battery inverter, single or triple phase, AC-coupling, free choice of connected DC power
- SMA Sunny Home Manager 2.0 (energy managment system with automatic control of appliances and real-time display of all energy flows)
- Optionally with lithium-Ion high voltage batteries from LG Energy Solution / BMZ or lithium-iron phosphate batteries from BYD
- Battery capacity 4 - 85 kWh

LG Energy Solution
RESU

BYD Battery Box
Premium LVS/LVM

BMZ ESS





High-Voltage Solar Power Storage Systems with FRONIUS Inverters

- Modular systems designed to optimize the fraction of self-used electricity
- Emergency power capability, even without battery, from simple PV point (GEN24 only) to full backup with automatic switchover device
- AC coupling inverter, optionally:
 - FRONIUS Primo GEN24 (single phase)
 - FRONIUS Primo GEN24 (triple phase)
 - FRONIUS Symo Hybrid (triple phase)
- FRONIUS Smart Meter for triple phase energy metering and recording the household's load curve
- Lithium-iron phosphate high voltage batteries from BYD
- Battery capacity 5 - 22 kWh



BYD Battery Box
Premium HVS/HVM



High-Voltage Solar Power Storage Systems with KOSTAL PLENTICORE Inverters

- Systems designed to optimize the fraction of self-used electricity
- Triple phase
- Inverter optionally:
 - DC-coupled KOSTAL PLENTICORE plus hybrid-inverter with integrated battery charger. Intelligent energy management and battery management system. Integrated communication- and monitoring package with yield and consumption forecast
 - AC-coupled KOSTAL PLENTICORE BI battery inverter. Display, data logger, monitoring
- Optionally with lithium-Ion high voltage batteries from BMZ or lithium-iron phosphate high voltage batteries from BYD
- Battery capacity 5 - 22 kWh



BMZ Hyperion



BYD Battery Box
Premium HVS/HVM

More Informations

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solar edge



LG Energy Solution

Solar Power Storage Systems with SOLAREEDGE StorEdge Inverters (triple phase)

- Designed to optimize the fraction of self-used electricity
- StorEdge hybrid inverter, triple phase with integrated WIFI
- Optionally with lithium-Ion batteries from LG Energy Solution or lithium-iron phosphate batteries from BYD
- Battery capacity 4 - 24 kWh



BYD Battery Box
Premium LVS



LG Energy Solution
RESU



solar edge

LG Energy Solution

Solar Power Storage Systems with SOLAREEDGE StorEdge Inverters (single phase)

- Designed to optimize the fraction of self-used electricity
- Inverter optionally:
 - Single phase SOLAREEDGE StorEdge hybrid inverter, WIFI and StorEdge interface integrated
 - Single phase SOLAREEDGE StorEdge battery inverter for retrofitting in systems with SOLAREEDGE triple-phase inverters, WIFI integrated
- Lithium-Ion high voltage batteries from LG Energy Solution
- Battery capacity 10 - 32 kWh



LG Energy Solution
RESU H Prime





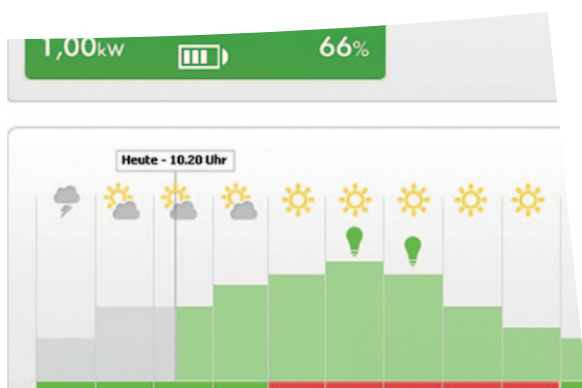
Solar Power Storage System LG ESS

- All-in-one system designed to optimize the fraction of self-used electricity
- Transformerless LG hybrid inverter, triple phase, DC coupling
- ABB energy meter or Smartfox pro Energy Manager
- Use as a backup power system is possible (a separate power switching unit is required)
- LG lithium-ion high voltage batteries, can be combined as required, a second battery can be retrofitted
- Battery capacity 10 - 32 kWh



Solar Power Storage System HUAWEI LUNA2000

- All-in-one system designed to optimize the fraction of self-used electricity
- HUAWEI hybrid inverter SUN2000-3-10KTL-M1, triple phase, DC-coupled
- HUAWEI Smart Power Meter
- HUAWEI lithium-iron phosphate batteries
- Battery capacity 5 - 30 kWh



Power. Heat. Future

We are solar pioneers with foresight and have been successfully working with the sun for 40 years.

As a one-stop systems supplier we stand for integrated sustainable solar power, solar heat, mounting systems and energy technology.



Wagner Solar has a constantly expanding international distribution network.