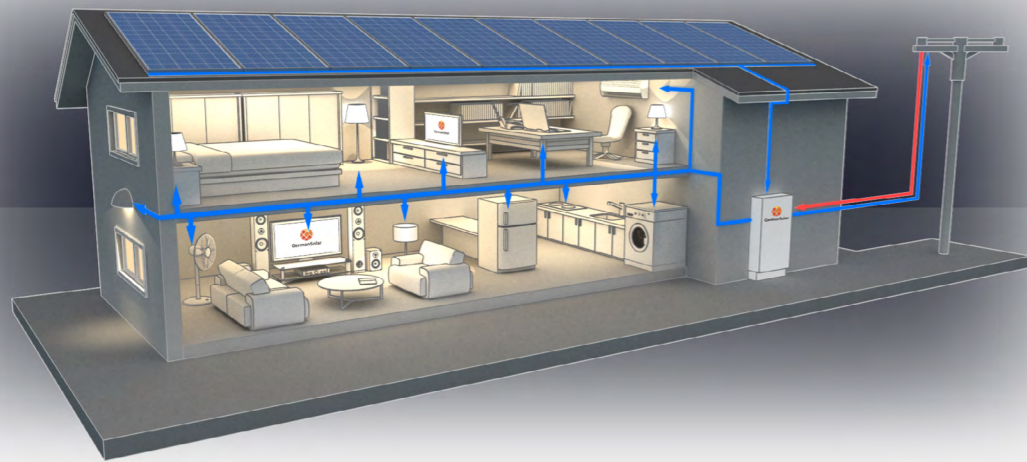
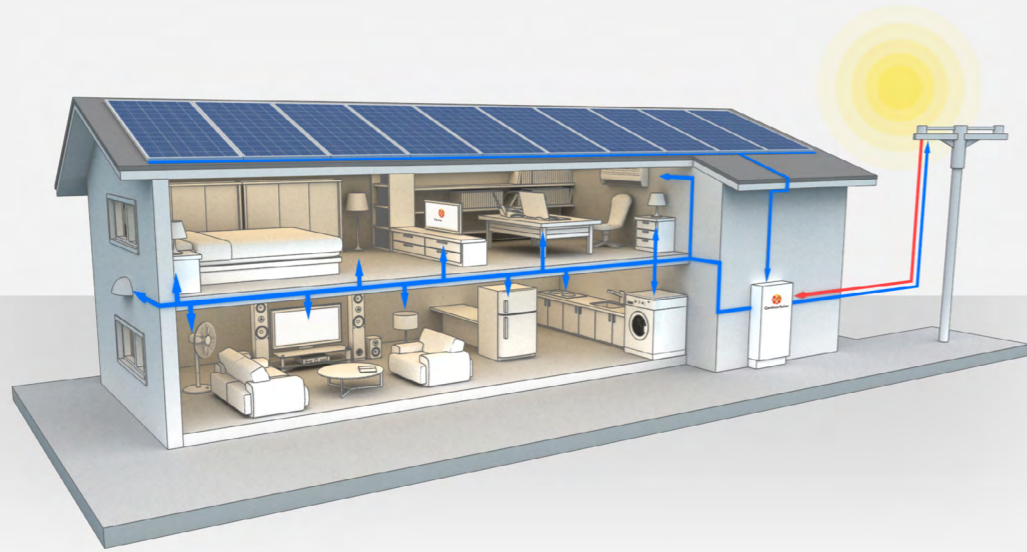


Energy storage system



Our Energy Storage System

GermanSolar is one of the leading energy storage system providers, with the latest technology in energy storage system, with applications for home, commercial, and industrial storage. GermanSolar is the ideal partner for your storage projects, providing the expertise that only a few companies are able to offer. If you need a customized energy storage solution, we are ready to advice and guide you. We design solutions to meet the requirements for your application. With our energy storage system, you will reduce your energy bills and enhance the value of your solar investments. Charging your battery with solar power during daylight and consuming the generated energy at night will reduce energy bills. Combining solar and storage systems will set the future trend for your energy profile.

How does it work?



With solar system

Storage system stores excess energy generated by your solar system during daytime. At night, the stored energy will be released to power your home or facility.



Without solar system

At night, while the electricity rate is low, the storage system is charged by the grid. During daytime, while the rate is high, you consume the energy stored by battery.



Hybrid

Hybrid

Solar energy is used as the top priority, and if that isn't enough, the supply will be switched to the public grid.



GermanSolar
The Partner For Your Solar Lifetime!®



1.2kWh Li-ion Battery Pack Unit

SPECIFICATION

SPECIFICATION	
Key Application	Home Energy Storage System/Industrial Energy Storage System/PV system
Voltage	48V
Nominal Capacity	26Ah
Cycle Life	>60% initial capacity with 2000 cycles at 25°Cdegree ambient (0.5C charge/0.5C discharge)
Operation Temperature	0°C~50°C (charge)
	-20°C~60°C (discharge)
WDH	130*230.5*362(mm)
Weight	<12.5kg
Max.Discharge Current	26A
Output Power	1.2kWh/unit
Protection	Over-charge Voltage
	Over-discharge Voltage
	Over-discharge Current
	Over Temperature for Discharge
Ingress Protection	IP65
Communication Interface	CANBus