



Our Energy for Your Success!

 **HOPPECKE**
POWER FROM INNOVATION



RENEWABLE ENERGY

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Renewable Energy

As a part of the „Energy Turnaround“ HOPPECKE has developed different solutions for this issue! Now we need to think about how to store renewable Energy in off grid or grid tied applications and in times of too much available energy (Wind / Solar). The heart of the system is the storage system itself.



Renewable Energy

- approximately 1 - 2 billion people all over the world don't have electrical connection.
- approximately 1 - 2 billion people all over the world have bad grid connection.



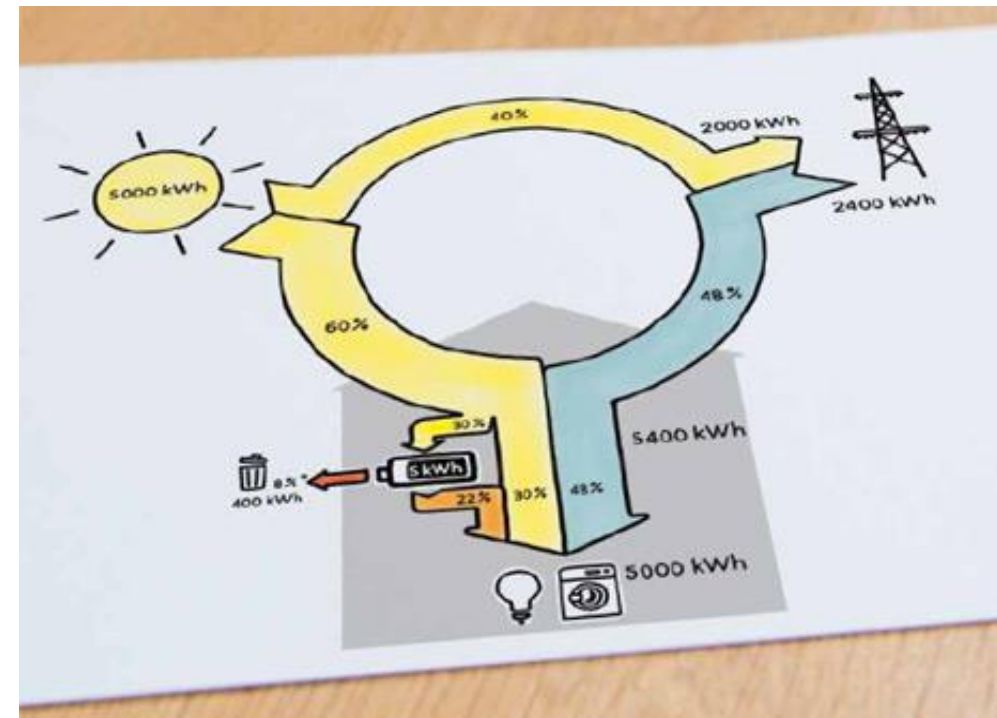
Renewable Energy - applications

Off Grid



- Solar home systems
- Street lights
- Medical centers
- Telecom systems
- Village power supply

Grid tied



- Self using systems
- Back up systems
- Bad grid systems

Renewable Energy – way to market

Off Grid

- Wholesalers
- Integrators
- OEM's
- NGO'S
- Institutions
- Installers
- Industry

Grid tied

- Wholesalers
- Installers
- OEM's



sun|power pack product range

sun | powerpack premium



sun | powerpack classic



Sun|power pack premium

sun|powerpack premium

Li-Ion (LiFePO prismatic cells)

- Applications:
 - Main focus: Storage of PV energy (residential and small commercial)
 - Further: Industrial applications (standby and cycle use)
- Capacity:
5.0 or 7.5kWh per unit
- Capacity extension:
by parallel switching of up to four single units resulting in max. 30kWh (requires one “Parallel Switching Kit”)
- Nominal Voltage: 51.2V
- Dimensions: 600 x 500x 350mm (H x W x D)
- Weight: 85kg (5kWh) / 100kg (7.5kWh)



**Market Launch
2015**

Sun|power.pack classic

sun | powerpack classic

Lead-acid based energy storage system

- Applications:
 - On- and Off-grid Storage of PV energy (residential and small commercial)
 - Industrial applications (standby and cycle use)
- Capacity:
5.5 to 22kWh gross energy content
- Capacity variations:
5,5/ 6,4/ 8,0/ 11,0/ 16,0*/ 22,0*kWh
*by parallel switching of two single units
- Nominal Voltage: 24/48V
- Max. Dimensions: 899 x 829x 385mm (H x W x D)
- Weight: 195kg (5,5kWh) - 740kg (22,0kWh)



THANK YOU

Thank you...



...for
your
attention!

www.hoppecke.com