



AXIstorage Li SH



High-performance lithium-ions-energy storage for residential, e-mobility and commercial applications

Advantages:



7,5 - 15 kWh useable capacity depending on the ordered degree of expansion with Energypacks each 2,5 kWh



Flexible configuration:
up to max. 15 kWh useable capacity On-Grid



Permanent charging current of up to 29 A
Permanent discharge current of up to 29 A



Up to 20 years of life time due to an optimized thermal management



10 years of time value replacement warranty



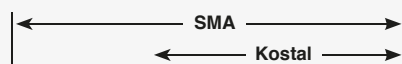
Handy sized Energypack with only 22 kg weight



7,5-15
kWh
flexible

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Electrical Data



	3 Energypacks	4 Energypacks	5 Energypacks	6 Energypacks
Nominal Capacity	9,7 kWh	12,9 kWh	16,1 kWh	19,3 kWh
Useable Capacity	7,5 kWh	10,0 kWh	12,5 kWh	15,0 kWh
Nominal Voltage	155,0 V	207,0 V	258,0 V	310,0 V
Nominal Capacity	62,7 Ah	62,7 Ah	62,7 Ah	62,7 Ah
Charging Current	29 A	29 A	29 A	29 A
Discharge Current	29 A	29 A	29 A	29 A
Efficiency	> 97 %	> 97 %	> 97 %	> 97 %
Cooling	passive	passive	passive	passive
Range of Temperature	0 - 50 °C	0 - 50 °C	0 - 50 °C	0 - 50 °C
Max. Air Humidity (not condensing)	85 %	85 %	85 %	85 %

Safety

- Double wall housing
- Elevated construction to protect against water damage
- Monitoring of current, voltage and temperature
- Single cell monitoring
- State of charge determination and battery monitoring (SOC + SOH)
- Passive balancing

Delivery

- Case with BMS, connection cable and all communication cables up to and including degree of expansion with 6 Energypacks
- Energypacks each 2,5 kWh (3 - 6 units) please order separately

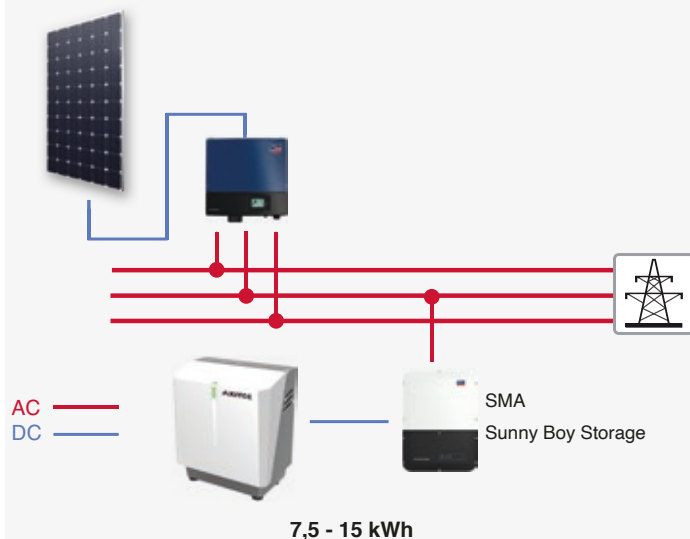
Compatibility

- SMA Sunny Boy Storage: 3.7 / 5.0 / 6.0
- Kostal Plenticore Plus

Mechanical Data

	3 Energypacks	4 Energypacks	5 Energypacks	6 Energypacks
Technology	Lithium (NMC)			
W x H x D	751 x 870 x 423 mm			
Weight	107 kg	129 kg	151 kg	173 kg
Protection Category	IP21	IP21	IP21	IP21
Certifications and Standards:	CE / UN 38.3 / IEC 62619			

For example: Connection with SMA Sunny Boy Storage



For example: Connection with Kostal Plenticore Plus

