

# BMZ Hyperion

The innovative.



# yperion

## Your benefits at a glance

- Made in Germany
- Flexible and modular design from 7.5 – 15.0 kWh (expansion up to 45 kWh with SMA SB Storage)
- Simple and quick 1-person assembly
- Lifelong capacity expansion without additional space requirement
- Clear operating and charge status displays

The battery back-up memory reduces overall system costs and increases system efficiency. This is therefore a true high-voltage storage system; this saves utilising a hidden DC/DC converter. Hyperion is compatible with the Sunny Boy Storage 3.7/5 .0/6.0 inverters from SMA.

Due to its modular design, the new innovative Hyperion high-voltage storage system enables not only simple and reliable installation but also as a future expansion of the storage system if higher energy quantities are necessary. The Made in Germany product can be equipped with a minimum of three and a maximum of six Helios modules with a total capacity of up to 15 kWh. High-quality lithium-ion battery cells are installed in the Hyperion. The secure structure and robust design are consistent with the tried-and-tested BMZ quality of the previous memory families.

### WEBINAR

Flexible, modular, extendable –  
BMZ Hyperion high-voltage  
storage system.

**05.08.2020**  
4.00 p.m.

**08.09.2020**  
4.00 p.m.





## Technical data

	3 Module	4 Module	5 Module	6 Module
System components	Hyperion housing / Helios battery module 2.5 kWh			
Energy content (usable)	7.5 kWh	10.0 kWh	12.5 kWh	15.0 kWh
Number of battery modules	3	4	5	6
Expandability	10 years as long as battery module available			
Dimensions (WxHxD)	751 x 870 x 424 mm			
Weight	Housing: 30 kg; housing cover: 11 kg; battery module: 22 kg			
Total weight	107 kg	129 kg	151 kg	173 kg
Protection class	IP 21			
Ambient temperature	0°C to 45°C			
Developed according to standards and guidelines	2006 / 66 / EC; 2014 / 30 / EU; 2011 / 65 / EU; DIN EN 60730; DIN EN 62619; VDE AR-E 2510-50; VDE AR-E 2510-2			
Compatible inverter	SMA Sunny Boy Storage 3.7/5 .0/6.0 – more to come			
Application	Grid-parallel / emergency power included / replacement power optional			
Cell chemistry	Li-Ion NMC			
Maximum discharge power	4.6 kW	6.2 kW	7.7 kW	9.3 kW
Maximum discharge power (3 seconds)	6.2 kW	8.3 kW	10.3 kW	12.4 kW
Maximum charge power	4.6 kW	6.2 kW	7.7 kW	9.3 kW
Nominal voltage	155 V	207 V	258 V	310 V
System Performance Index (SPI)	91.9%			