BMZ
THE INNOVATION GROUP

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HYPERION

Lithium-ion high-voltage storage for a self-sufficient energy supply

E-MOBILITY | DRIVE SYSTEMS | **ENERGY STORAGE SYSTEMS** | POWER- AND GARDENTOOLS | INDUSTRIAL | MEDICAL

HYPERION

The New HV-Generation

made in GERMANY
BMZ approved quality

- MODULAR & EXTENDABLE
- ROBUST & SAFE
- EMERGENCY POWER*

*Emergency or backup power operation only with emergency or backup power-capable inverters. For details on the functions and requirements, please contact the inverter manufacturer.

TECHNICAL PROPERTIES	3 MODULES	4 MODULES	5 MODULES	6 MODULES
Energy (nom./usable)	9.7 kWh/7.5 kWh	12.9 kWh/10 kWh	16.1 kWh/12.5 kWh	19.3 kWh/15 kWh
Nominal Voltage	155 V	207 V	258 V	310 V
Charge End Voltage	170 V	227 V	284 V	340 V
Discharge End Voltage	134 V	179 V	224 V	268 V
Capacity (nom.)	62.7 Ah			
Max. Charge Current	29 A			
Max. Discharge Current (3s)	40 A			
Max. Discharge Capacity (3s)	6.2 kW	8.3 kW	10.3 kW	12.4 kW
Max. Discharge Power	4.6 kW	6.2 kW	7.7 kW	9.3 kW
Weight	107 kg	129 kg	151 kg	173 kg
Dimensions (W x H x D)	751 x 870 x 423 mm			
Single Module: Weight	22 kg			
Single Module: Dimensions (W x H x D)	546.1 x 216.8 x 155.3 mm			
Discharge Operating Temperature	-15 up to 55 °C			
Charge Operating Temperature	0 up to 45 °C			
Storage Temperature	-20 up to 60 °C			
Compatibility (Interface)	SMA Sunny Boy Storage 3.7/5.0/6.0 (CAN) / Kostal PLENTICORE plus (RS-485)			
Battery Chemistry	Li-Ion NMC			
Depth Of Discharge	80% DOD (related to the nom. capacity)			
Full Cycles	5,000 or 3,000 (with remaining capacity of 60% or 80%)			

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