HOPPECKE

POWER FROM INNOVATION

sun | powerpack premium

Battery storage systems for energy saving

Typical applications:

- Reduction of annual grid purchase
- Energy supply in case of power failures[1]
- Engery storage for off-grid power supplies

Similar to the illustration

Your benefits:

- Increase economic of your PV-system by optimization of grid purchase costs
- Failure safe – by integrated battery management system with multi-level safety concept
- Uninterrupted service with autonomous power supply – even in case of power failure[1]
- Simple handling & Operation – Components ready for connection; no venting required
- Space saving – due to compact housing
- Expandable by means of combination of individual storage systems
- High system efficiency – due to energy saving battery management

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[1] Backup function only with approved battery inverters.

Type overview **sun** | **powerpack** premium

Capacities, dimensions and weights

	Energy content kWh	Nominal voltage V	Amount of required systems	Height H mm	ca. Width W[2] mm	Depth mm	ca. Weight kg
sun | **powerpack** premium **5.0/48**	5.0	51.2	1	600	500	350	85
sun | **powerpack** premium **7.5/48**	7.5	51.2	1	600	500	350	100
sun | **powerpack** premium **10.0/48**	10.0	51.2	2	600	1300	350	170
sun | **powerpack** premium **15.0/48**	15.0	51.2	2	600	1300	350	200
sun | **powerpack** premium **20.0/48**	20.0	51.2	4	600	2900	350	340
sun | **powerpack** premium **30.0/48**	30.0	51.2	4	600	2900	350	405

[2] Ca. width refers to side by side mounted multiple systems with minimum clearance.

Technical data

Technology:	LiFePO
Max. discharge power:	Ca. 5kW / 7.5kW (for single system with 5kWh / 7.5kWh capacity)
Number of cycles:	Max. 7000 cycles at depth of discharge up to 80%
Design life:	up to 20 years
Protection class:	IP21
Operating temperature range:	0 °C to 45 °C
Battery efficiency factor (Wh):	98% (Charge and discharge at 0.5 C)
Operating mode:	Applicable in one or three phase systems
Scope of delivery:	Per system: Two battery stacks, cabinet for wall mounting, assembly frame, integrated BMS with disconnecting function, DC-connecting line, communication line
Standards:	DIN EN 50272-2, EN 62109-2, DIN EN 62620:2011-05, IEC 61010-1, EN 61427-2, EN 61508, VDE-AR-N 4105, UN38.3