HOPPECKE
POWER FROM INNOVATION

Similar to the illustration

sun | powerpack classic

Battery storage system for energy saving

Typical applications:

- Energy storage system for photovoltaic systems from 3kWp
- Engery supply in case of power failures*
- Energy storage for off-grid power supplies

Your benefits:

- Increase economic of your PV-systems by optimization of grid purchase costs
- Uninterrupted service with autonomous power supply – even in case of power failure*
- Simple handling & operation – components ready for connection
- Highest reliability – the used components are approved in industrial applications
- Highest flexibility – can be combined with various battery inverters
- Reduction of annual grid purchase

* Back-up function is only possible with appropriate inverter.

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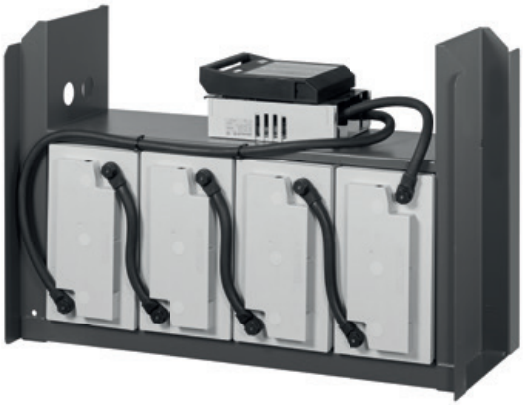
Type overview **sun | powerpack** classic

Capacities, dimensions and weights

	Energy content (C_{10}) kWh	Nominal voltage V	Number of racks, Connection type	Length L mm	Width B mm	Height H mm	Weight kg
sun | powerpack classic 5.5/24	5.5	24	1	829	385	567	195
sun | powerpack classic 6.4/48	6.4	48	1	857	355	724	253
sun | powerpack classic 8.0/24	8.0	24	1	829	385	767	295
sun | powerpack classic 8.0/48	8.0	48	1	829	385	767	295
sun | powerpack classic 11.0/24	11.0	24	1	829	385	899	370
sun | powerpack classic 11.0/48	11.0	48	1	829	385	899	370
sun | powerpack classic 16.0/48	16.0	48	2, parallel	829*	385	767	590
sun | powerpack classic 22.0/48	22.0	48	2, parallel	829*	385	899	740

* In parallel connection of 2 racks the dimensions have to be multiplied by 2.



Similar to the illustration

Recommended usage of **sun | powerpack** classic

Battery size in kWh	**sun | powerpack** 5.5	**sun | powerpack** 6.4	**sun | powerpack** 8.0	**sun | powerpack** 11.0	**sun | powerpack** 16.0	**sun | powerpack** 22.0
Annual energy requirement	< 3,000 kWh	< 3,600 kWh	3,600 - 4,500 kWh	4,500 - 6,700 kWh	6,700 - 9,000 kWh	> 9,000 kWh
Minimum PV plant size	2.5 kWp	3 kWp	4 kWp	5.5 kWp	8 kWp	10 kWp

Max. discharge current: 160A / 300A (for 48V / 24V systems)

Design life: 10 years (at 20 °C)

Cycle lifetime: 2500 cycles at a depth of discharge of 50% and a temperature of 20 °C

Optimal environmental compatibility – closed loop for recovery of materials in an accredited recycling system
IEC 60896-21
IEC 61427

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