



Similar to the illustration

## sun | powerpack classic

### Battery storage system for energy saving

#### Typical applications:

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

#### Your benefits:

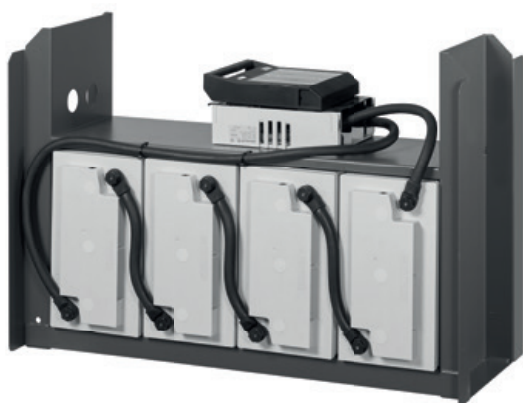
- Increase economic of your PV-systems by optimization of grid purchase costs
- Uninterrupted service with autonomous power supply – even in case of power failure\*
- Simple handling & operation – components ready for connection
- Highest reliability – the used components are approved in industrial applications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

## Type overview **sun** | powerpack classic

### Capacities, dimensions and weights

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



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### Recommended usage of **sun** | powerpack classic

Battery size in kWh	<b>sun</b>   powerpack 5.5	<b>sun</b>   powerpack 6.4	<b>sun</b>   powerpack 8.0	<b>sun</b>   powerpack 11.0	<b>sun</b>   powerpack 16.0	<b>sun</b>   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

