

# sun.power pack

## Battery storage system to optimise photovoltaic self-consumption



Motive Power Systems

**Reserve Power Systems**

Special Power Systems

Service

### Your benefits from HOPPECKE sun.power pack

- **Increase in efficiency of your PV system** - by optimising energy consumption costs
- **High energy yield and long life time** - due to optimised management
- **Security from self-contained power supply** - even in the event of a mains failure<sup>1</sup>
- **Easy handling** - thanks to plug & play
- **The complete storage solution comes from one source** - quality "Made in Germany"



Similar to the illustration

### Typical applications of HOPPECKE sun.power pack

- **Energy storage system for photovoltaic self-consumption and optimisation of energy consumption costs**

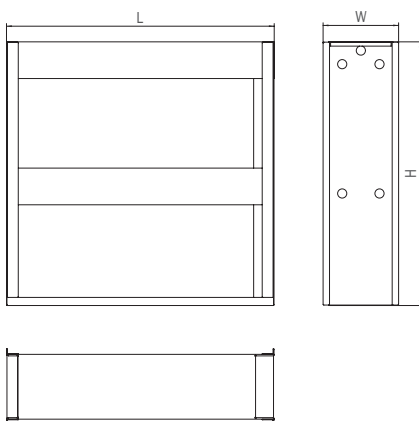
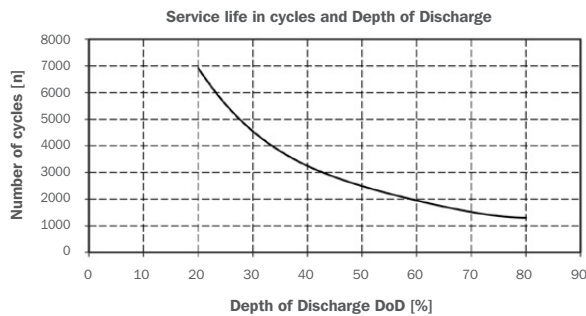
## Type overview

### Capacities, dimensions and weights

	Total energy content (C <sub>10</sub> ) kWh	Nominal voltage V	Type of battery*	Number of racks, Connection type	Block batteries Pc	Length L mm	Width W mm	Height H mm	Weight kg
sun.power pack 4.9/24	4.9	24	6 V 4 OPzV bloc solar.power 250	1	4	660	247	862	270
sun.power pack 4.9/48	4.9	48	12 V 2 OPzV bloc solar.power 120	1	4	660	247	862	325
sun.power pack 6.0/24	6.0	24	6 V 5 OPzV bloc solar.power 300	1	4	876	247	862	325
sun.power pack 7.4/24	7.4	24	6 V 6 OPzV bloc solar.power 370	1	4	876	247	862	360
sun.power pack 7.4/48	7.4	48	12 V 3 OPzV bloc solar.power 180	1	4	876	247	862	350
sun.power pack 9.8/24	9.8	24	6 V 4 OPzV bloc solar.power 250	2, parallel	8	660**	247**	862**	510
sun.power pack 12.0/24	12.0	24	6 V 5 OPzV bloc solar.power 300	2, parallel	8	876**	247**	862**	510
sun.power pack 12.0/48	12.0	48	6 V 5 OPzV bloc solar.power 300	2, serial	8	876**	247**	862**	620
sun.power pack 14.8/24	14.8	24	6 V 6 OPzV bloc solar.power 370	2, parallel	8	876**	247**	862**	670
sun.power pack 14.8/48	14.8	48	12 V 3 OPzV bloc solar.power 180	2, parallel	8	876**	247**	862**	690
sun.power pack 14.8/48	14.8	48	6 V 6 OPzV bloc solar.power 370	2, serial	8	876**	247**	862**	680

\* maintenance-free gel battery for cyclic application

\*\* In parallel and serial connection of 2 racks the dimensions are to be multiply by 2



Design life: 10 years

**Optimal environmental compatibility - closed loop for recovery of materials in an accredited recycling system**

IEC 60896-21  
IEC 61427

<sup>1</sup> Back-up function is only possible with appropriate inverter