

# OPzS solar.power

## Vented lead-acid battery for cyclic applications



Motive Power Systems

**Reserve Power Systems**

Special Power Systems

Service

### Your benefits with HOPPECKE OPzS solar.power

- **Highest cycle stability during PSoC<sup>1</sup> operation** - due to tubular plate design with efficient charge current acceptance
- **Maximum efficiency with reduced charging factor** - ready for use of optional electrolyte recirculation
- **Maximum compatibility** - dimensions according to DIN 40736-1
- **Higher short-circuit safety even during the installation** - based on HOPPECKE system connectors
- **Extremely extended water refill intervals up to maintenance-free** - optional use of AquaGen<sup>®</sup> recombination system minimizes emission of gas and aerosols<sup>2</sup>



### Typical applications of HOPPECKE OPzS solar.power

- **Solar-/Off-grid applications**  
Power supply for remote off-grid applications and isolated power networks, drinking water supply systems, healthcare facilities
- **Telecommunications**  
Mobile phone stations  
BTS-stations  
Off-grid/on-grid solutions
- **Traffic systems**  
Signalling systems  
Lighting



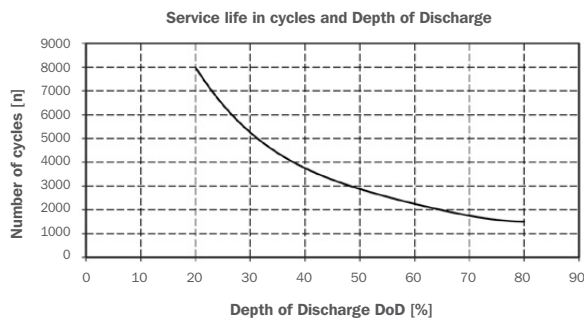
**HOPPECKE**

POWER FROM INNOVATION

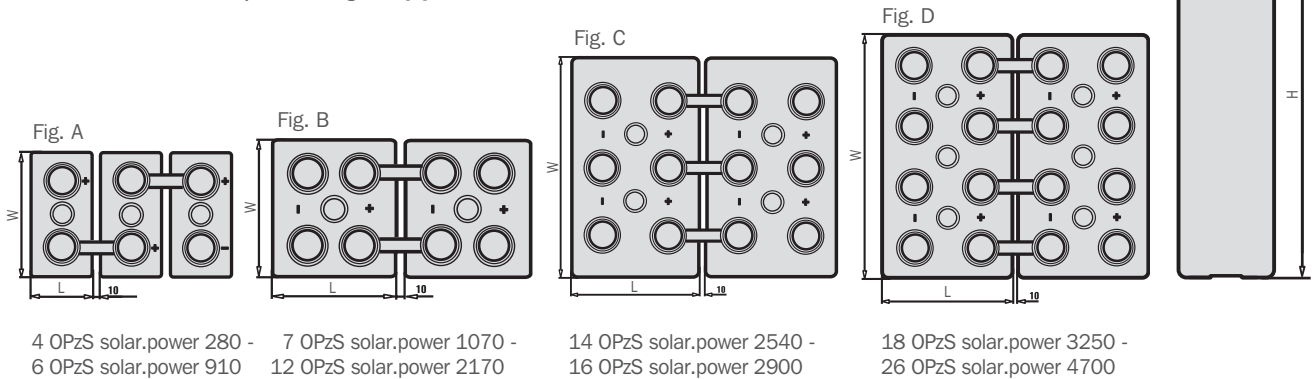
## Type overview

### Capacities, dimensions and weights

Type	C <sub>100</sub> /1.85 V Ah	C <sub>50</sub> /1.85 V Ah	C <sub>24</sub> /1.83 V Ah	C <sub>10</sub> /1.80 V Ah	C <sub>5</sub> /1.77 V Ah	max. Weight kg	Weight electrolyte kg (1.24 kg/l)	max.* Length L mm	max.* Width W mm	max.* Height H mm	Fig.
4 OPzS solar.power 280	280	265	245	213	182	17.1	4.5	105	208	420	A
5 OPzS solar.power 350	350	330	307	266	227	20.7	5.6	126	208	420	A
6 OPzS solar.power 420	420	395	370	320	273	24.6	6.7	147	208	420	A
5 OPzS solar.power 520	520	490	454	390	345	29.1	8.5	126	208	535	A
6 OPzS solar.power 620	620	585	542	468	414	34.1	10.1	147	208	535	A
7 OPzS solar.power 730	730	685	634	546	483	39.2	11.7	168	208	535	A
6 OPzS solar.power 910	910	860	797	686	590	46.1	13.3	147	208	710	A
7 OPzS solar.power 1070	1070	1002	930	801	691	59.1	16.7	215	193	710	B
8 OPzS solar.power 1220	1220	1145	1063	915	790	63.1	17.3	215	193	710	B
9 OPzS solar.power 1370	1370	1283	1192	1026	887	72.4	20.5	215	235	710	B
10 OPzS solar.power 1520	1520	1425	1325	1140	985	76.4	21.1	215	235	710	B
11 OPzS solar.power 1670	1670	1572	1459	1256	1086	86.6	25.2	215	277	710	B
12 OPzS solar.power 1820	1820	1715	1591	1370	1185	90.6	25.8	215	277	710	B
12 OPzS solar.power 2170	2170	2010	1843	1610	1400	110.4	32.7	215	277	855	B
14 OPzS solar.power 2540	2540	2349	2163	1881	1632	142.3	46.2	215	400	815	C
16 OPzS solar.power 2900	2900	2685	2472	2150	1865	150.9	45.9	215	400	815	C
18 OPzS solar.power 3250	3250	3015	2765	2412	2097	179.1	56.4	215	490	815	D
20 OPzS solar.power 3610	3610	3350	3072	2680	2330	187.3	55.7	215	490	815	D
22 OPzS solar.power 3980	3980	3685	3388	2952	2562	212.5	67.0	215	580	815	D
24 OPzS solar.power 4340	4340	4020	3696	3220	2795	221.2	66.4	215	580	815	D
26 OPzS solar.power 4700	4700	4355	4004	3488	3028	229.6	65.4	215	580	815	D



C<sub>100</sub>, C<sub>50</sub>, C<sub>24</sub>, C<sub>10</sub> and C<sub>5</sub> =  
Capacity at 100 h, 50 h, 24 h, 10 h and 5 h discharge  
\* according to DIN 40736-1 data to be understood as maximum values



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

IEC 60896-11  
IEC 61427

<sup>1</sup> Partial State of Charge (Teilladebetrieb)  
<sup>2</sup> Similar to sealed lead-acid batteries