

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 PSoC¹ operation** - due to tubular plate design and 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[®] recombination system minimizes emission of gas and aerosols²



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

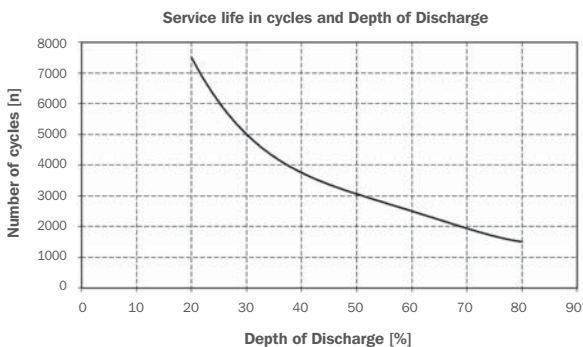
Type overview

Capacities, dimensions and weights

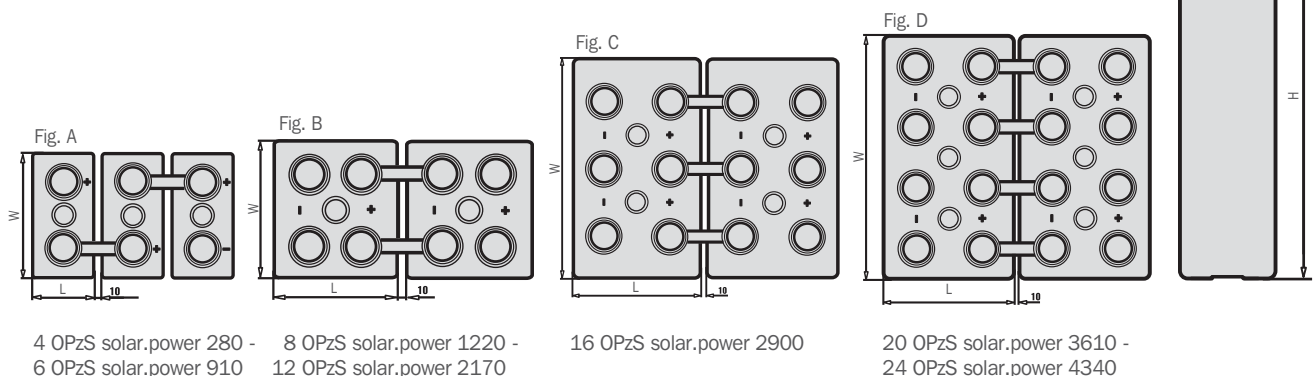
Type	C ₁₀₀ /1.85 V Ah	C ₅₀ /1.85 V Ah	C ₂₄ /1.83 V Ah	C ₁₀ /1.80 V Ah	C ₅ /1.77 V Ah	max. Weight kg	Weight electrolyte kg (1.24 kg/l)	max.* Length L mm	max.* Width W mm	max.* Height H mm	Fig.
4 OPzS solar.power 280	280.0	265.0	244.8	213.0	181.5	17.2	4.9	105	208	420	A
5 OPzS solar.power 350	350.0	330.0	307.2	266.0	227.0	20.8	6.1	126	208	420	A
6 OPzS solar.power 420	420.0	395.0	369.6	320.0	272.5	24.3	7.2	147	208	420	A
5 OPzS solar.power 520	520.0	490.0	453.6	390.0	345.0	26.9	7.9	126	208	535	A
6 OPzS solar.power 620	620.0	585.0	542.4	468.0	414.0	31.5	9.4	147	208	535	A
7 OPzS solar.power 730	730.0	685.0	633.6	546.0	483.0	36.1	10.9	168	208	535	A
6 OPzS solar.power 910	910.0	860.0	796.8	686.0	590.0	44.8	12.9	147	208	710	A
8 OPzS solar.power 1220	1220.0	1145.0	1063.2	915.0	790.0	61.3	16.9	215	193	710	B
10 OPzS solar.power 1520	1520.0	1425.0	1324.8	1140.0	985.0	74.6	21.1	215	235	710	B
12 OPzS solar.power 1820	1820.0	1715.0	1591.2	1370.0	1185.0	88.0	25.5	215	277	710	B
12 OPzS solar.power 2170	2170.0	2010.0	1843.2	1610.0	1400.0	114.3	34.2	215	277	855	B
16 OPzS solar.power 2900	2900.0	2685.0	2472.0	2150.0	1865.0	151.5	48.0	215	400	815	C
20 OPzS solar.power 3610	3610.0	3350.0	3072.0	2680.0	2330.0	193.0	68.0	215	490	815	D
24 OPzS solar.power 4340	4340.0	4020.0	3696.0	3220.0	2795.0	246.0	76.0	215	580	815	D

C₁₀₀, C₅₀, C₂₄, C₁₀ and C₅ = Capacity at 100 h, 50 h, 24 h, 10 h and 5 h discharge

* according to DIN 40736-1 datas to be understood as maximum values



The HOPPECKE electrolyte recirculation system efficiently prevents electrolyte stratification during cyclic application.



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

IEC 60896-11
IEC 61427

¹ Partial State of Charge (Teilentladebetrieb)
² Similar to sealed lead-acid batteries