

OPzS

Vented lead-acid battery



Motive Power Systems

Reserve Power Systems

Special Power Systems

Service

Your benefits with HOPPECKE OPzS

- **Very high expected service life** - due to optimized low-antimony selenium alloy
- **Excellent cycle stability** - due to tubular plate design
- **Maximum compatibility** - design 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 aerosols¹



Similar to the illustration, AquaGen® optional

Typical applications of HOPPECKE OPzS

- **Telecommunications**
Mobile phone stations,
BTS-stations, off-grid/on-grid
solutions
- **Power Supply**
- **Security lighting**



HOPPECKE

POWER FROM INNOVATION

Type Overview

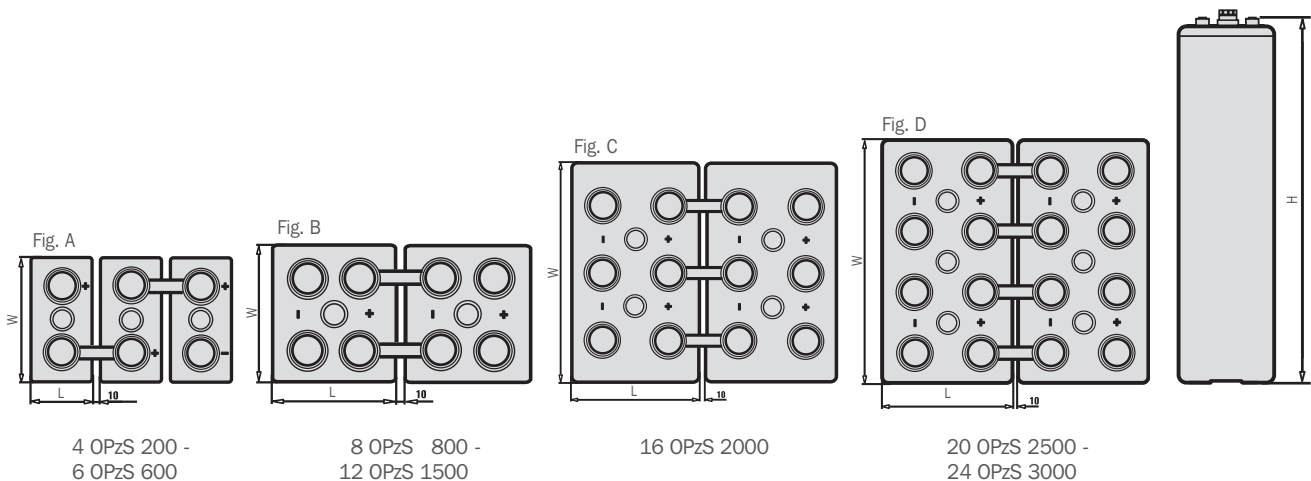
Capacities, dimensions and weights

Type	$C_{nom}/1.80\text{ V}$ Ah	$C_{10}/1.80\text{ V}$ Ah	$C_5/1.77\text{ V}$ Ah	$C_3/1.75\text{ V}$ Ah	$C_1/1.67\text{ V}$ 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 200	200	213	182	161	118	17.2	4.9	105	208	420	A
5 OPzS 250	250	266	227	201	147	20.8	6.1	126	208	420	A
6 OPzS 300	300	320	272	241	177	24.3	7.2	147	208	420	A
5 OPzS 350	350	390	345	304	217	26.9	7.9	126	208	535	A
6 OPzS 420	420	468	414	364	261	31.5	9.4	147	208	535	A
7 OPzS 490	490	546	483	425	304	36.1	10.9	168	208	535	A
6 OPzS 600	600	686	592	511	353	44.8	12.9	147	208	710	A
8 OPzS 800	800	915	789	681	470	61.3	16.9	215	193	710	B
10 OPzS 1000	1000	1143	986	852	588	74.6	21.1	215	235	710	B
12 OPzS 1200	1200	1372	1184	1022	706	88.0	25.5	215	277	710	B
12 OPzS 1500	1500	1609	1398	1197	784	114.3	34.2	215	277	855	B
16 OPzS 2000	2000	2146	1864	1596	1045	151.5	48.0	215	400	815	C
20 OPzS 2500	2500	2682	2330	1995	1307	193.0	68.0	215	490	815	D
24 OPzS 3000	3000	3219	2796	2394	1568	246.0	76.0	215	580	815	D

C_{nom} = nominal capacity at 10 h discharge according to DIN 40736-1

C_{10} , C_5 , C_3 , and C_1 = Capacity at 10 h, 5 h, 3 h and 1 h discharge

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



Design life: up to 20 years

Endurance in cycles: up to 1500 discharges at 80% DOD

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

¹ Similar to sealed lead-acid batteries