# 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 aerosols[1]

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**

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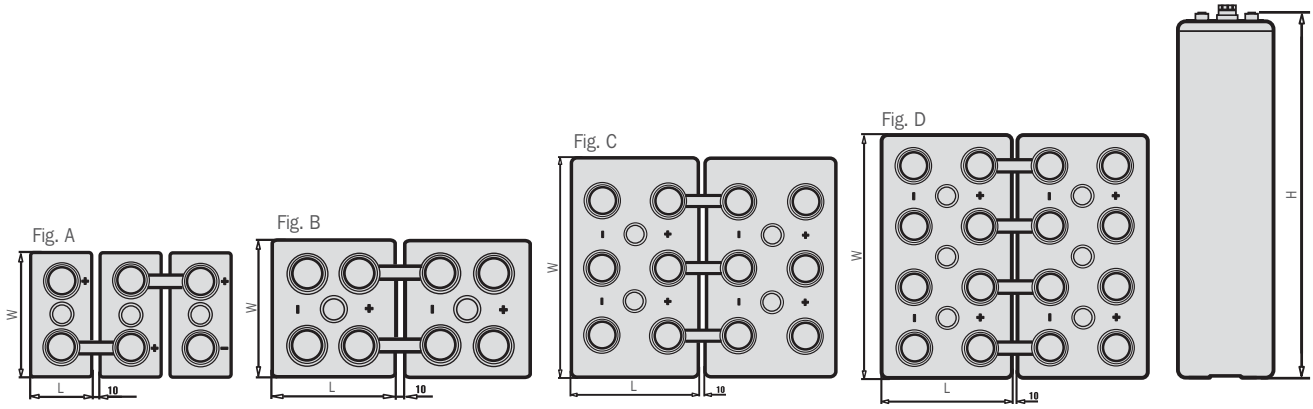
# Type Overview

## Capacities, dimensions and weights

| Type | $C_{nom}$/1.80 V **Ah** | $C_{10}$/1.80 V **Ah** | $C_5$/1.77 V **Ah** | $C_3$/1.75 V **Ah** | $C_1$/1.67 V **Ah** | max.* Weight **kg** | Weight electrolyte **kg** (1.24 kg/l) | max.* Length L **mm** | max.* Widht 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 datas to be understood as maximum values




4 OPzS 200 - 6 OPzS 600 | 8 OPzS 800 - 12 OPzS 1500 | 16 OPzS 2000 | 20 OPzS 2500 - 24 OPzS 3000

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

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Printed in Germany
Form OPzS EN/12.10/2 K