

# max.power

## Vented lead-acid battery



Motive Power Systems

**Reserve Power Systems**

Special Power Systems

Service

### Your benefits with HOPPECKE max.power

- **Very high expected service life** - due to optimized low-antimony selenium alloy
- **Excellent cycle stability** - due to tubular plate design
- **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<sup>1</sup>

### Typical applications of HOPPECKE max.power

- **Telecommunications**  
Mobile phone stations,  
BTS-stations, off-grid/on-grid  
solutions



Similar to the illustration, AquaGen® optional

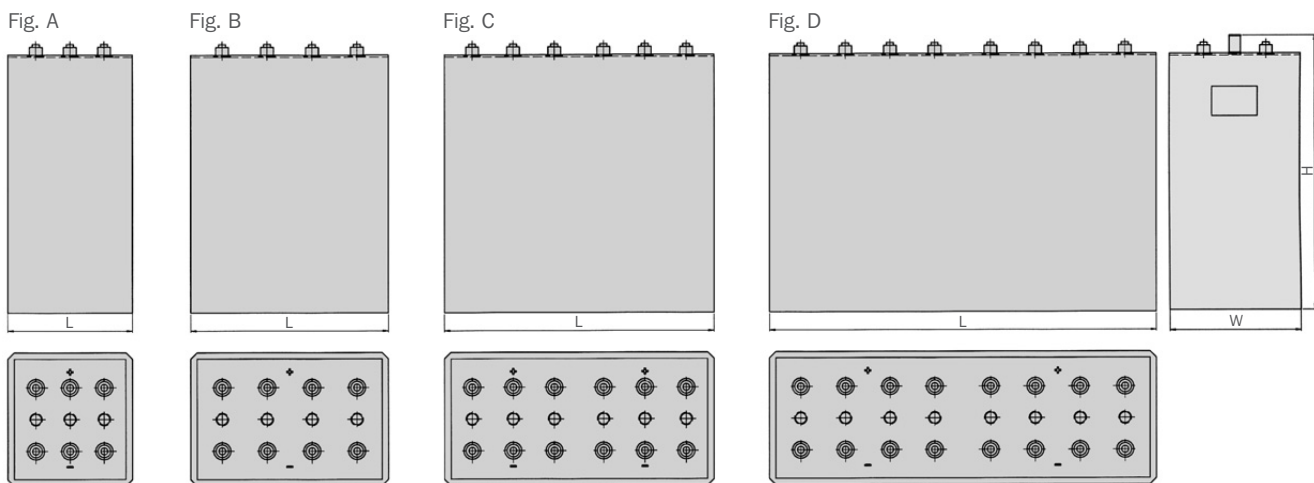
## Type overview

### Capacities, dimensions and weights

| Type          | C <sub>10</sub> /1.80 V Ah | C <sub>5</sub> /1.77 V Ah | C <sub>3</sub> /1.75 V Ah | C <sub>1</sub> /1.67 V Ah | Weight kg | Weight electrolyte 1.24 kg/l | max.* Length L mm | max.* Width W mm | max.* Height H mm | Fig. |
|---------------|----------------------------|---------------------------|---------------------------|---------------------------|-----------|------------------------------|-------------------|------------------|-------------------|------|
| 14 OPzS 3500  | 3780.0                     | 3228.0                    | 2799.0                    | 1714.0                    | 359.0     | 92.0                         | 422               | 440              | 885               | A    |
| 16 OPzS 4000  | 4320.0                     | 3687.0                    | 3198.0                    | 1958.0                    | 378.0     | 104.0                        | 466               | 440              | 885               | A    |
| 18 OPzS 4500  | 4860.0                     | 4151.0                    | 3597.0                    | 2203.0                    | 440.0     | 115.0                        | 510               | 440              | 885               | A    |
| 20 OPzS 5000  | 5400.0                     | 4610.0                    | 3996.0                    | 2448.0                    | 470.0     | 127.0                        | 568               | 440              | 885               | B    |
| 22 OPzS 5500  | 5940.0                     | 5075.0                    | 4395.0                    | 2693.0                    | 530.0     | 138.0                        | 612               | 440              | 885               | B    |
| 24 OPzS 6000  | 6480.0                     | 5534.0                    | 4797.0                    | 2938.0                    | 565.0     | 157.0                        | 656               | 440              | 885               | B    |
| 28 OPzS 7000  | 7560.0                     | 6457.0                    | 5595.0                    | 3427.0                    | 710.0     | 214.0                        | 890               | 440              | 885               | C    |
| 32 OPzS 8000  | 8640.0                     | 7380.0                    | 6396.0                    | 3917.0                    | 755.0     | 210.0                        | 890               | 440              | 885               | C    |
| 36 OPzS 9000  | 9720.0                     | 8298.0                    | 7194.0                    | 4406.0                    | 890.0     | 263.0                        | 1090              | 440              | 885               | D    |
| 40 OPzS 10000 | 10800.0                    | 9221.0                    | 7992.0                    | 4896.0                    | 935.0     | 260.0                        | 1090              | 440              | 885               | D    |
| 44 OPzS 11000 | 11880.0                    | 10144.0                   | 8793.0                    | 5386.0                    | 1060.0    | 309.0                        | 1266              | 440              | 885               | D    |
| 48 OPzS 12000 | 12960.0                    | 11067.0                   | 9591.0                    | 5875.0                    | 1110.0    | 306.0                        | 1266              | 440              | 885               | D    |

C<sub>10</sub>, C<sub>5</sub>, C<sub>3</sub>, and C<sub>1</sub> = Capacity at 10 h, 5 h, 3 h, 1 h discharge

\* according to DIN 40736-2 data to be understood as maximum values



14 OPzS 3500  
16 OPzS 4000  
18 OPzS 4500

20 OPzS 5000  
22 OPzS 5500  
24 OPzS 6000

28 OPzS 7000  
32 OPzS 8000

36 OPzS 9000  
40 OPzS 10000  
44 OPzS 11000  
48 OPzS 12000

Design life: up to 20 years

Endurance in cycles: up to 1500 discharges 80% DOD

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

<sup>1</sup> Similar to sealed lead-acid batteries