



Similar to the illustration

## grid | power v L

Series OPzS/power.bloc OPzS

Vented lead-acid battery

## grid | power v L Series OPzS

### Typical applications:

- Telecommunications
  - Mobile phone stations
  - BTS-stations
  - Off-grid/on-grid solutions
- Power Supply
- Security lighting

### Your benefits:

- 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<sup>1</sup>

## grid | power v L Series power.bloc OPzS

### Typical applications:

- Telecommunications
  - Mobile phone stations
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  - Off-grid/on-grid solutions
- Power Supply systems
- Security lighting

### Your benefits:

- High expected service life – due to optimized low-antimony selenium alloy
- Excellent cycle stability – due to tubular plate design
- Maximum compatibility – dimensions according to DIN 40737-3
- Easy assembly and installation – battery lid with integral handle
- 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>



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



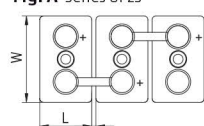
# Capacities dimensions and weights

Series OPzS bloc	Nominal voltage V	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	ca. Weight kg	Weight electrolyte kg (1.24 kg/l)	max.* Length L mm	max.* Width W mm	max.* Height H mm	Fig.
power vL 12-50	12	70	65	60	50	44	37.0	15.0	272	205	383	A
power vL 12-100	12	130	130	120	101	88	48.0	13.0	272	205	383	A
power vL 12-150	12	200	190	180	151	132	68.0	18.0	380	205	383	A
power vL 6-200	6	270	255	240	202	176	47.0	13.0	272	205	383	B
power vL 6-250	6	330	320	298	252	220	61.0	20.0	380	205	383	B
power vL 6-300	6	400	380	358	302	264	67.0	18.0	380	205	383	B
Series OPzS												
power vL 2-215	2	280	265	245	213	182	17.1	4.5	105	208	420	C
power vL 2-270	2	350	330	307	266	227	20.7	5.6	126	208	420	C
power vL 2-325	2	420	395	370	320	273	24.6	6.7	147	208	420	C
power vL 2-390	2	520	490	454	390	345	29.1	8.5	126	208	535	C
power vL 2-470	2	620	585	542	468	414	34.1	10.1	147	208	535	C
power vL 2-550	2	730	685	634	546	483	39.2	11.7	168	208	535	C
power vL 2-690	2	910	860	797	686	590	46.1	13.3	147	208	710	C
power vL 2-805	2	1070	1002	930	801	691	59.1	16.7	215	193	710	D
power vL 2-920	2	1220	1145	1063	915	790	63.1	17.3	215	193	710	D
power vL 2-1035	2	1370	1283	1192	1026	887	72.4	20.5	215	235	710	D
power vL 2-1150	2	1520	1425	1325	1140	985	76.4	21.1	215	235	710	D
power vL 2-1265	2	1670	1572	1459	1256	1086	86.6	25.2	215	277	710	D
power vL 2-1380	2	1820	1715	1591	1370	1185	90.6	25.8	215	277	710	D
power vL 2-1610	2	2170	2010	1843	1610	1400	110.4	32.7	215	277	855	D
power vL 2-1880	2	2540	2349	2163	1881	1632	142.3	46.2	215	400	815	E
power vL 2-2150	2	2900	2685	2472	2150	1865	150.9	45.9	215	400	815	E
power vL 2-2420	2	3250	3015	2765	2412	2097	179.1	56.4	215	490	815	F
power vL 2-2690	2	3610	3350	3072	2680	2330	187.3	55.7	215	490	815	F
power vL 2-2960	2	3980	3685	3382	2952	2562	212.5	67.0	215	580	815	F
power vL 2-3230	2	4340	4020	3696	3220	2795	221.2	66.4	215	580	815	F
power vL 2-3500	2	4700	4355	4004	3488	3028	229.6	65.4	215	580	815	F

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

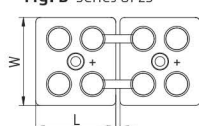
\* According to DIN 40736-1 data to be understood as maximum values.

Fig. A Series OPzS



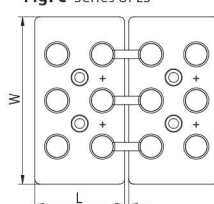
grid | power vL 2-215 -  
grid | power vL 2-690

Fig. B Series OPzS



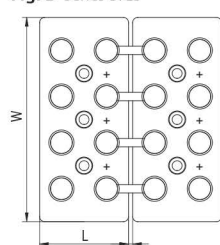
grid | power vL 2-805 -  
grid | power vL 2-1610

Fig. C Series OPzS



grid | power vL 2-1880 -  
grid | power vL 2-2150

Fig. D Series OPzS



grid | power vL 2-2420 -  
grid | power vL 2-3500

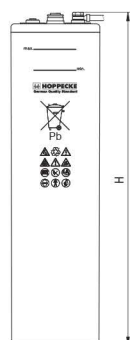
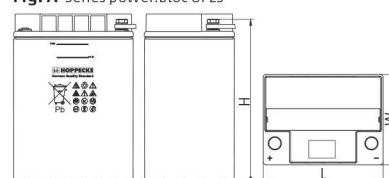
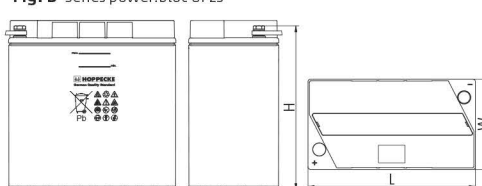


Fig. A Series power.bloc OPzS



grid | power vL 12-50 -  
grid | power vL 12-150

Fig. B Series power.bloc OPzS



grid | power vL 6-200 -  
grid | power vL 6-300

Design life: up to 20 years

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

Design life: up to 18 years

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

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