



Similar to the illustration:  
AquaGen® optional

## grid | power v M

Series OSP.HC/OSP.HB

Vented lead-acid battery

## grid | power v M Series OSP.HC

### Typical applications:

- Power Supply Systems
- Uninterruptible power supply (UPS)
- Traffic Systems
  - Signalling
  - Lighting

### Your benefits:

- Very good high-current capability – low investment costs due to innovative electrode structure
- Very high expected service life – due to optimized low-antimony selenium alloy
- 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 M Series OSP.HB

### Typical applications:

- Power Supply Systems
- Uninterruptible Power Supply (UPS)
- Traffic systems
  - Signalling
  - Lighting
- IT/Telecom
- Emergency lighting installations

### Your benefits:

- Very good high-current capability – due to innovative electrode structure
- Very high expected service life – due to optimized low-antimony selenium alloy
- HOPPECKE SST terminal design – compatible plastic moulded terminals for testing according to the IEEE 450
- External insulated inter-cell connector – individual testing of the single cell voltages in the block
- 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 OSP.HC	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 kg (1.24 kg/l)	max.* Length L mm	max.* Width W mm	max.* Height H mm	Fig.
grid   power VM 2-125	3 OSP.HC	105	125	106	94	68	15.3	5.1	105	208	420	A
grid   power VM 2-170	4 OSP.HC	140	167	141	125	91	16.7	4.9	105	208	420	A
grid   power VM 2-210	5 OSP.HC	175	209	176	157	114	18.2	4.7	105	208	420	A
grid   power VM 2-250	6 OSP.HC	210	250	212	188	137	21.7	5.9	126	208	420	A
grid   power VM 2-290	7 OSP.HC	245	292	247	219	160	23.1	5.8	126	208	420	A
grid   power VM 2-330	8 OSP.HC	280	334	282	251	182	26.5	7.0	147	208	420	A
grid   power VM 2-370	9 OSP.HC	315	361	317	282	205	33.2	11.3	189	208	420	A
grid   power VM 2-410	10 OSP.HC	350	401	353	314	228	33.8	10.0	189	208	420	A
grid   power VM 2-440	11 OSP.HC	385	441	388	345	251	35.4	9.2	189	208	420	A
grid   power VM 2-360	4 OSP.HC	340	359	323	287	214	40.0	15.0	147	208	710	A
grid   power VM 2-450	5 OSP.HC	425	448	404	358	268	43.4	14.5	147	208	710	A
grid   power VM 2-540	6 OSP.HC	510	538	485	430	321	46.7	14.1	147	208	710	A
grid   power VM 2-630	7 OSP.HC	595	628	566	502	375	50.4	13.6	147	208	710	A
grid   power VM 2-720	8 OSP.HC	680	718	647	573	428	53.3	13.1	147	208	710	A
grid   power VM 2-810	9 OSP.HC	765	807	728	645	482	66.3	18.0	215	193	710	B
grid   power VM 2-900	10 OSP.HC	850	897	809	717	536	69.9	17.4	215	193	710	B
grid   power VM 2-990	11 OSP.HC	935	987	889	789	589	72.9	17.0	215	193	710	B
grid   power VM 2-1080	12 OSP.HC	1020	1076	970	860	643	83.7	22.1	215	235	710	B
grid   power VM 2-1170	13 OSP.HC	1105	1166	1051	932	696	87.3	21.6	215	235	710	B
grid   power VM 2-1260	14 OSP.HC	1190	1256	1132	1004	750	90.3	21.3	215	235	710	B
grid   power VM 2-1350	15 OSP.HC	1275	1345	1213	1075	803	101.0	26.2	215	277	710	B
grid   power VM 2-1440	16 OSP.HC	1360	1435	1294	1147	857	104.2	25.8	215	277	710	B
grid   power VM 2-1530	17 OSP.HC	1445	1525	1375	1219	911	107.4	25.5	215	277	710	B
grid   power VM 2-1590	15 OSP.HC	1575	1587	1435	1251	885	122.3	31.7	215	277	855	B
grid   power VM 2-1700	16 OSP.HC	1680	1693	1530	1334	944	126.2	31.1	215	277	855	B
grid   power VM 2-1810	17 OSP.HC	1785	1799	1626	1418	1003	129.9	30.7	215	277	855	B
grid   power VM 2-1920	18 OSP.HC	1890	1904	1721	1501	1062	160.6	49.2	215	400	815	C
grid   power VM 2-2140	20 OSP.HC	2100	2116	1913	1668	1180	168.7	47.3	215	400	815	C
grid   power VM 2-2560	24 OSP.HC	2520	2539	2295	2001	1416	209.9	61.8	215	490	815	D
grid   power VM 2-2780	26 OSP.HC	2730	2751	2487	2168	1534	218.2	60.9	215	490	815	D
grid   power VM 2-3000	28 OSP.HC	2940	2962	2678	2335	1652	225.6	59.8	215	490	815	D
grid   power VM 2-3220	30 OSP.HC	3150	3174	2869	2502	1770	250.9	71.6	215	580	815	D
grid   power VM 2-3440	32 OSP.HC	3360	3385	3060	2669	1888	259.6	70.3	215	580	815	D
grid   power VM 2-3660	34 OSP.HC	3570	3597	3252	2835	2006	267.5	69.0	215	580	815	D
grid   power VM 2-3880	36 OSP.HC	3780	3809	3443	3002	2124	274.9	68.3	215	580	815	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 and 1 h discharge

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

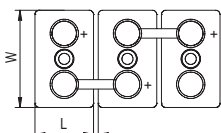
Series OSP.HB	Type		C <sub>10</sub> /1.80 V/Z Ah	C <sub>5</sub> /1.77 V/Z Ah	C <sub>3</sub> /1.75 V/Z Ah	C <sub>1</sub> /1.67 V/Z Ah	Weight kg	Weight electrolyte kg (1.24 kg/l)	max. Length L mm	max. Width W mm	max. Height H mm	Fig.
grid   power VM 6-50	OSP.HB 6 V	50	80	70	63	47	24.3	7.0	148	205	352	A
grid   power VM 6-100	OSP.HB 6 V	100	120	105	95	70	27.4	5.0	148	205	352	A
grid   power VM 6-150	OSP.HB 6 V	150	160	140	126	93	39.5	8.5	274	205	352	B
grid   power VM 6-200	OSP.HB 6 V	200	230	205	185	139	47.5	6.5	274	205	352	B

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 and 1 h discharge



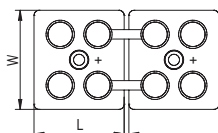
## Capacities dimensions and weights

**Fig. A** Series OSP.HC



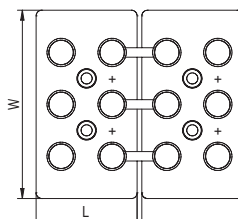
grid | power VM 2-125 -  
grid | power VM 2-720

**Fig. B** Series OSP.HC



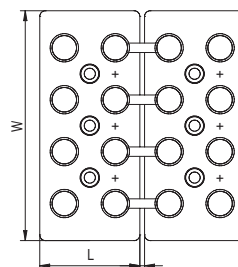
grid | power VM 2-810 -  
grid | power VM 2-1810

**Fig. C** Series OSP.HC

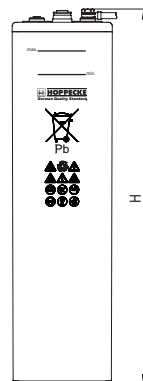


grid | power VM 2-1920 -  
grid | power VM 2-2140

**Fig. D** Series OSP.HC



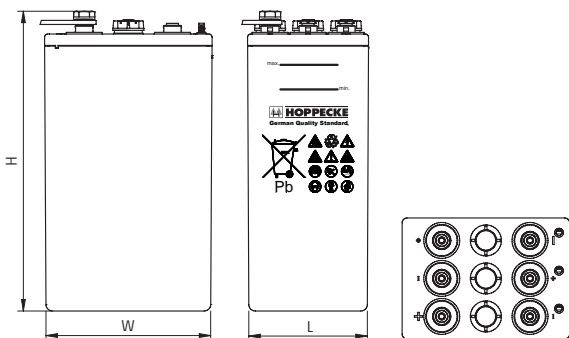
grid | power VM 2-2560 -  
grid | power VM 2-3880



Design life: up to 20 years

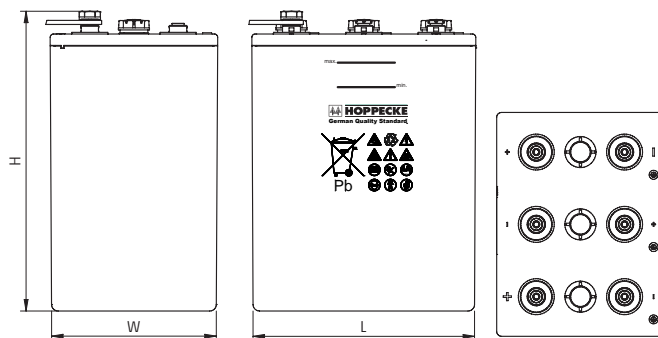
**Optimal environmental compatibility – closed loop for recovery of materials in an accredited recycling system**

**Fig. A** Series OSP.HB



grid | power VM 6-50 -  
grid | power VM 6-100

**Fig. B** Series OSP.HB



grid | power VM 6-150 -  
grid | power VM 6-200

Design life: up to 20 years

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

## Notes

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