



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
- Substations
- Switchgear

### 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>

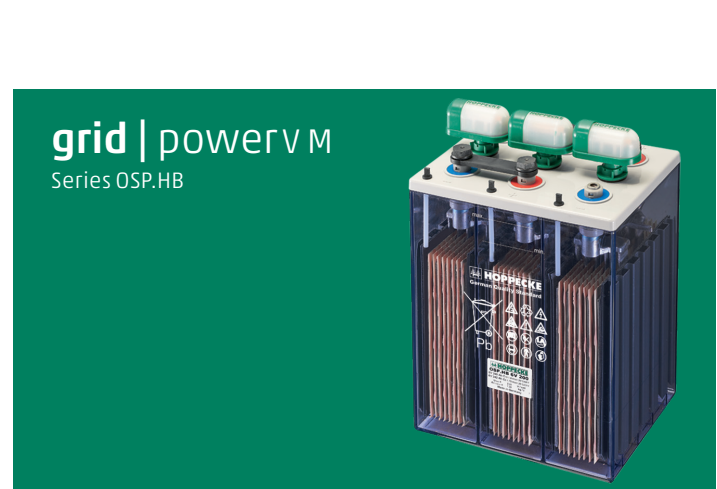
## grid | power v M Series OSP.HB

### Typical applications:

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

### 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	$C_8/1.75V@25^\circ C/77^\circ F$ Ah	$C_{10}/1.80V@20^\circ C/68^\circ F$ Ah	Weight approx. kg	Weight approx. lbs	Weight electrolyte (1.24 kg/l) kg	Weight electrolyte (1.24 kg/l) lbs	max.* Length L mm	max.* Length L inch	max.* Width W mm	max.* Width W inch	max.* Height H mm	max.* Height H inch	Fig.
grid   power VM 2-125	3 OSP,HC 105	123	125	15.3	33.7	5.1	11.2	105	4.13	208	8.19	420	16.54	A
grid   power VM 2-170	4 OSP,HC 140	164	167	16.7	36.8	4.9	10.8	105	4.13	208	8.19	420	16.54	A
grid   power VM 2-210	5 OSP,HC 175	205	209	18.2	40.1	4.7	10.4	105	4.13	208	8.19	420	16.54	A
grid   power VM 2-250	6 OSP,HC 210	246	250	21.7	47.8	5.9	13.0	126	4.96	208	8.19	420	16.54	A
grid   power VM 2-290	7 OSP,HC 245	287	292	23.1	50.9	5.8	12.8	126	4.96	208	8.19	420	16.54	A
grid   power VM 2-330	8 OSP,HC 280	328	334	26.5	58.4	7.0	15.4	147	5.79	208	8.19	420	16.54	A
grid   power VM 2-370	9 OSP,HC 315	369	361	33.2	73.2	11.3	24.9	189	7.44	208	8.19	420	16.54	A
grid   power VM 2-410	10 OSP,HC 350	410	401	33.8	74.5	10.0	22.0	189	7.44	208	8.19	420	16.54	A
grid   power VM 2-440	11 OSP,HC 385	451	441	35.4	78.0	9.2	20.3	189	7.44	208	8.19	420	16.54	A
grid   power VM 2-360	4 OSP,HC 340	373	359	40.0	88.2	15.0	33.1	147	5.79	208	8.19	710	27.95	A
grid   power VM 2-450	5 OSP,HC 425	466	448	43.4	95.7	14.5	32.0	147	5.79	208	8.19	710	27.95	A
grid   power VM 2-540	6 OSP,HC 510	560	538	46.7	103.0	14.1	31.1	147	5.79	208	8.19	710	27.95	A
grid   power VM 2-630	7 OSP,HC 595	653	628	50.4	111.1	13.6	30.0	147	5.79	208	8.19	710	27.95	A
grid   power VM 2-720	8 OSP,HC 680	746	718	53.3	117.5	13.1	28.9	147	5.79	208	8.19	710	27.95	A
grid   power VM 2-810	9 OSP,HC 765	839	807	66.3	146.2	18.0	39.7	215	8.46	193	7.60	710	27.95	B
grid   power VM 2-900	10 OSP,HC 850	933	897	69.9	154.1	17.4	38.4	215	8.46	193	7.60	710	27.95	B
grid   power VM 2-990	11 OSP,HC 935	1026	987	72.9	160.7	17.0	37.5	215	8.46	193	7.60	710	27.95	B
grid   power VM 2-1080	12 OSP,HC 1020	1119	1076	83.7	184.5	22.1	48.7	215	8.46	235	9.25	710	27.95	B
grid   power VM 2-1170	13 OSP,HC 1105	1212	1166	87.3	192.5	21.6	47.6	215	8.46	235	9.25	710	27.95	B
grid   power VM 2-1260	14 OSP,HC 1190	1306	1256	90.3	199.1	21.3	47.0	215	8.46	235	9.25	710	27.95	B
grid   power VM 2-1350	15 OSP,HC 1275	1399	1345	101.0	222.7	26.2	57.8	215	8.46	277	10.91	710	27.95	B
grid   power VM 2-1440	16 OSP,HC 1360	1492	1435	104.2	229.7	25.8	56.9	215	8.46	277	10.91	710	27.95	B
grid   power VM 2-1530	17 OSP,HC 1445	1585	1525	107.4	236.8	25.5	56.2	215	8.46	277	10.91	710	27.95	B
grid   power VM 2-1590	15 OSP,HC 1575	1678	1587	122.3	269.6	31.7	69.9	215	8.46	277	10.91	855	33.66	B
grid   power VM 2-1700	16 OSP,HC 1680	1790	1693	126.2	278.2	31.1	68.6	215	8.46	277	10.91	855	33.66	B
grid   power VM 2-1810	17 OSP,HC 1785	1902	1799	129.9	286.4	30.7	67.7	215	8.46	277	10.91	855	33.66	B
grid   power VM 2-1920	18 OSP,HC 1890	2013	1904	160.6	354.1	49.2	108.5	215	8.46	400	15.75	815	32.09	C
grid   power VM 2-2140	20 OSP,HC 2100	2237	2116	168.7	371.9	47.3	104.3	215	8.46	400	15.75	815	32.09	C
grid   power VM 2-2560	24 OSP,HC 2520	2684	2539	209.9	462.7	61.8	136.2	215	8.46	490	19.29	815	32.09	D
grid   power VM 2-2780	26 OSP,HC 2730	2908	2751	218.2	481.0	60.9	134.3	215	8.46	490	19.29	815	32.09	D
grid   power VM 2-3000	28 OSP,HC 2940	3132	2962	225.6	497.4	59.8	131.8	215	8.46	490	19.29	815	32.09	D
grid   power VM 2-3220	30 OSP,HC 3150	3356	3174	250.9	553.1	71.6	157.9	215	8.46	580	22.83	815	32.09	D
grid   power VM 2-3440	32 OSP,HC 3360	3579	3385	259.6	572.3	70.3	155.0	215	8.46	580	22.83	815	32.09	D
grid   power VM 2-3660	34 OSP,HC 3570	3803	3597	267.5	589.7	69.0	152.1	215	8.46	580	22.83	815	32.09	D
grid   power VM 2-3880	36 OSP,HC 3780	4027	3809	274.9	606.1	68.3	150.6	215	8.46	580	22.83	815	32.09	D

$C_{10}$  and  $C_8$  = Capacity at 10 h and 8 h discharge

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

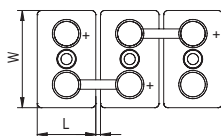
Series OSP,HB	Type	$C_8/1.75V@25^\circ C/77^\circ F$ Ah	$C_{10}/1.80V@20^\circ C/68^\circ F$ Ah	Weight approx. kg	Weight approx. lbs	Weight electrolyte (1.24 kg/l) kg	Weight electrolyte (1.24 kg/l) lbs	max.* Length L mm	max.* Length L inch	max.* Width W mm	max.* Width W inch	max.* Height H mm	max.* Height H inch	Fig.
grid   power VM 6-50	OSP,HB 6V 50	80	80	24.3	53.6	7.0	15.4	148	5.83	205	8.07	352	13.86	A
grid   power VM 6-100	OSP,HB 6V 100	121	120	27.4	60.4	5.0	11.0	148	5.83	205	8.07	352	13.86	A
grid   power VM 6-150	OSP,HB 6V 150	161	160	39.5	87.1	8.5	18.7	274	10.79	205	8.07	352	13.86	B
grid   power VM 6-200	OSP,HB 6V 200	232	230	47.5	104.7	6.5	14.3	274	10.79	205	8.07	352	13.86	B

$C_{10}$  and  $C_8$  = Capacity at 10 h and 8 h discharge



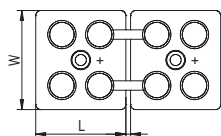
# Capacities dimensions and weights

**Fig. A** Series OSP.HC



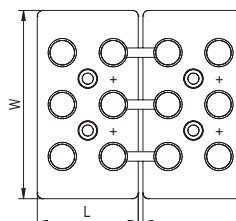
grid | power VM 2-125 -  
grid | power VM 2-720

**Fig. B** Series OSP.HC



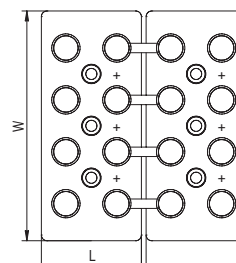
grid | power VM 2-810 -  
grid | power VM 2-1810

**Fig. C** Series OSP.HC

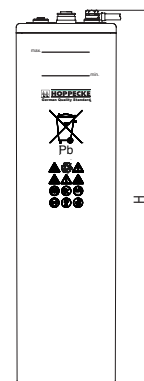


grid | power VM 2-1920 -  
grid | power VM 2-2140

**Fig. D** Series OSP.HC



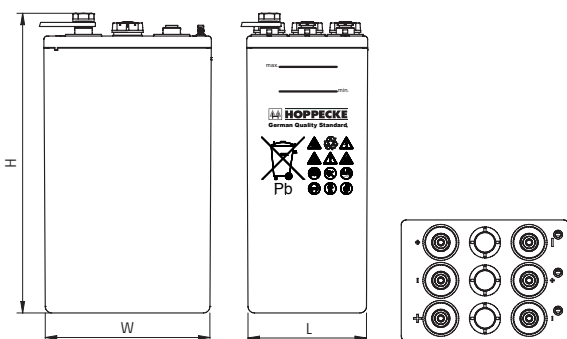
grid | power VM 2-2560 -  
grid | power VM 2-3880



Design life: up to 20 years

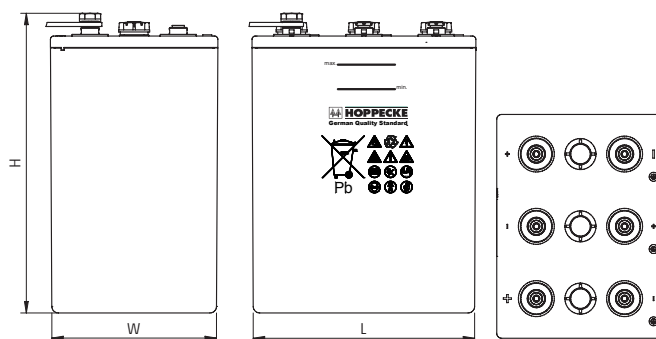
**Optimal environmental compatibility – closed loop for recovery of materials in an accredited recycling system**

**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

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---



POWER FROM INNOVATION

**Head Office**

**HOPPECKE Batterien GmbH & Co. KG**

P.O. Box 1140 · D-59914 Brilon · Germany

Bontkirchener Str. 1 · D - 59929 Brilon

Tel.: +49 (0) 2963 61-374 · Fax: +49 (0) 2963 61-270

E-Mail: [info@hoppecke.com](mailto:info@hoppecke.com) · [www.hoppecke.com](http://www.hoppecke.com)

**Subsidiary**

**HOPPECKE Batteries Inc.**

2 Berry Dr

Hainesport, NJ 08036 · USA

Tel.: +1 856-616-0032 · Fax: +1 856-616-0132

E-Mail: [contact@hoppecke-us.com](mailto:contact@hoppecke-us.com) · [www.hoppecke-us.com](http://www.hoppecke-us.com)



[www.hoppecke-us.com](http://www.hoppecke-us.com)