



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 aerosols¹

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 aerosols¹



¹ Similar to sealed lead-acid batteries

Capacities dimensions and weights

Series OSP.HC	Type		C ₁₀ /1.80 V Ah	C ₅ /1.77 V Ah	C ₃ /1.75 V Ah	C ₁ /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	142	119	103	72	15.3	5.1	105	208	420	A
grid power VM 2-170	4 OSP.HC	140	179	153	132	95	16.7	4.9	105	208	420	A
grid power VM 2-210	5 OSP.HC	175	217	186	161	118	18.2	4.7	105	208	420	A
grid power VM 2-250	6 OSP.HC	210	254	220	191	140	21.7	5.9	126	208	420	A
grid power VM 2-290	7 OSP.HC	245	292	253	220	163	23.1	5.8	126	208	420	A
grid power VM 2-330	8 OSP.HC	280	332	289	252	186	26.5	7.0	147	208	420	A
grid power VM 2-370	9 OSP.HC	315	373	324	284	210	33.2	11.3	189	208	420	A
grid power VM 2-410	10 OSP.HC	350	413	360	316	233	33.8	10.0	189	208	420	A
grid power VM 2-440	11 OSP.HC	385	453	395	348	256	35.4	9.2	189	208	420	A
grid power VM 2-360	4 OSP.HC	340	460	386	330	221	40.0	15.0	147	208	710	A
grid power VM 2-450	5 OSP.HC	425	531	454	392	272	43.4	14.5	147	208	710	A
grid power VM 2-540	6 OSP.HC	510	601	522	454	324	46.7	14.1	147	208	710	A
grid power VM 2-630	7 OSP.HC	595	672	590	516	375	50.4	13.6	147	208	710	A
grid power VM 2-720	8 OSP.HC	680	743	658	578	426	53.3	13.1	147	208	710	A
grid power VM 2-810	9 OSP.HC	765	908	789	682	496	66.3	18.0	215	193	710	B
grid power VM 2-900	10 OSP.HC	850	987	859	744	545	69.9	17.4	215	193	710	B
grid power VM 2-990	11 OSP.HC	935	1065	929	806	594	72.9	17.0	215	193	710	B
grid power VM 2-1080	12 OSP.HC	1020	1143	999	867	644	83.7	22.1	215	235	710	B
grid power VM 2-1170	13 OSP.HC	1105	1222	1068	929	693	87.3	21.6	215	235	710	B
grid power VM 2-1260	14 OSP.HC	1190	1300	1138	991	742	90.3	21.3	215	235	710	B
grid power VM 2-1350	15 OSP.HC	1275	1378	1208	1053	791	101.0	26.2	215	277	710	B
grid power VM 2-1440	16 OSP.HC	1360	1456	1278	1114	841	104.2	25.8	215	277	710	B
grid power VM 2-1530	17 OSP.HC	1445	1535	1348	1176	890	107.4	25.5	215	277	710	B
grid power VM 2-1590	15 OSP.HC	1575	1597	1446	1252	897	122.3	31.7	215	277	855	B
grid power VM 2-1700	16 OSP.HC	1680	1703	1543	1336	957	126.2	31.1	215	277	855	B
grid power VM 2-1810	17 OSP.HC	1785	1810	1639	1419	1017	129.9	30.7	215	277	855	B
grid power VM 2-1920	18 OSP.HC	1890	2143	1856	1597	1105	160.6	49.2	215	400	815	C
grid power VM 2-2140	20 OSP.HC	2100	2381	2062	1774	1228	168.7	47.3	215	400	815	C
grid power VM 2-2560	24 OSP.HC	2520	2742	2396	2092	1461	209.9	61.8	215	490	815	D
grid power VM 2-2780	26 OSP.HC	2730	2970	2596	2266	1583	218.2	60.9	215	490	815	D
grid power VM 2-3000	28 OSP.HC	2940	3199	2795	2440	1705	225.6	59.8	215	490	815	D
grid power VM 2-3220	30 OSP.HC	3150	3427	2995	2615	1826	250.9	71.6	215	580	815	D
grid power VM 2-3440	32 OSP.HC	3360	3656	3195	2789	1948	259.6	70.3	215	580	815	D
grid power VM 2-3660	34 OSP.HC	3570	3884	3394	2963	2070	267.5	69.0	215	580	815	D
grid power VM 2-3880	36 OSP.HC	3780	4113	3594	3138	2192	274.9	68.3	215	580	815	D

C₁₀, C₅, C₃ and C₁ = Capacity at 10 h, 5 h, 3 h and 1 h discharge

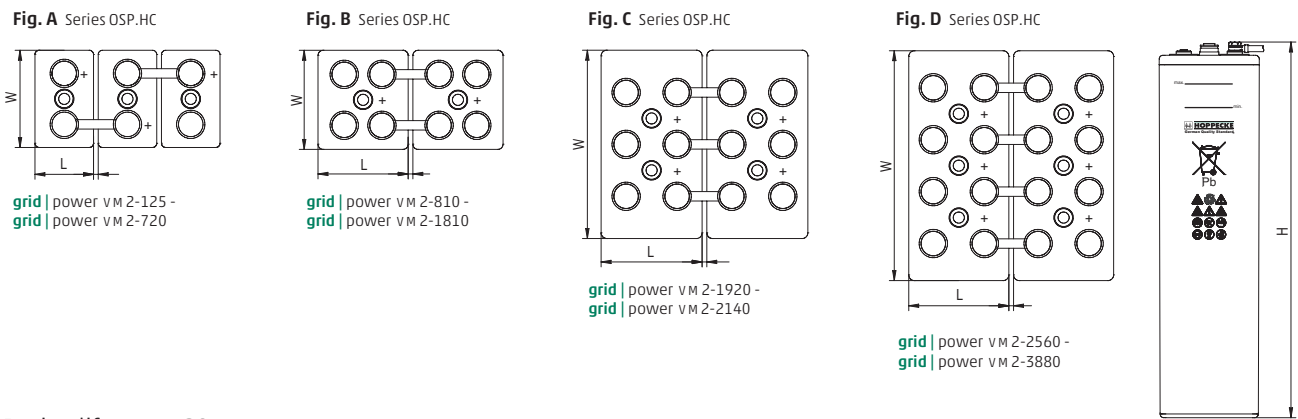
* according to DIN 40736-1 data to be understood as maximum values

Series OSP.HB	Type		C ₁₀ /1.80 V/Z Ah	C ₅ /1.77 V/Z Ah	C ₃ /1.75 V/Z Ah	C ₁ /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

C₁₀, C₅, C₃ and C₁ = Capacity at 10 h, 5 h, 3 h and 1 h discharge

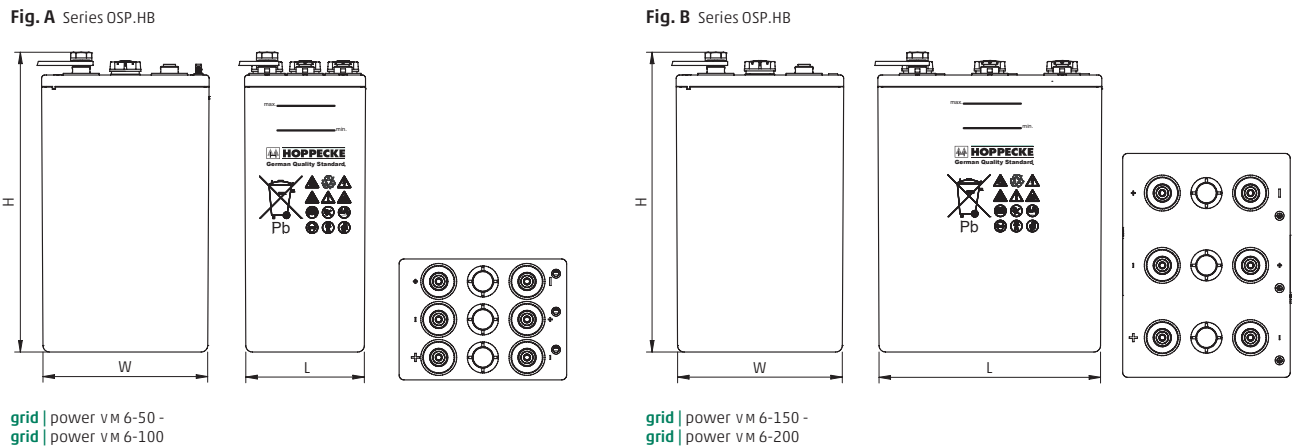


Capacities dimensions and weights



Design life: up to 20 years

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



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