



12 OPzV 1200

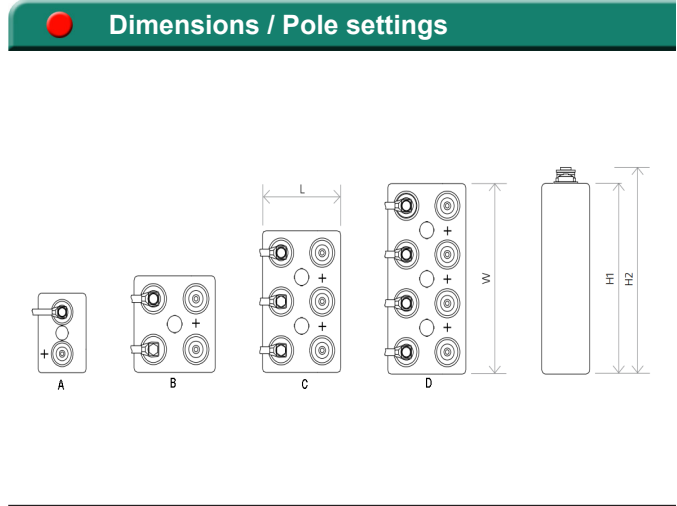
2V - 1200 Ah



Electrical Specifications @ 20°C		
Nominal Voltage		2 V
Capacity	C10 / 1,80V	1251 Ah
	C5 / 1,77V	1032 Ah
	C3 / 1,75V	900 Ah
	C1 / 1,67V	624 Ah
Self discharge	per month	≈ 2 %
Resistance	fully charged	≈ 0,26 mΩ
Float Charge	+/- 1%	2,25 Volt
Boost Charge	+/- 1%	2,35 Volt
Boost Charge Max. current		0,25 C10 Ampere
Short Circuit		8120 Ampere
Temperature correction factor		- 4 mVolt / °C

- | Innovative Features | |
|---------------------|---|
| • | Positive electrode tubular PbCaSn - alloy |
| • | Negative electrode grid - pasted type with long-life expander material |
| • | Separation micro porous separator |
| • | 1,24 kg/l Electrolyte sulphuric acid - fixed as Gel by silica |
| • | ABS, high impact container |
| • | Valve pressure 50-100 mbar with flame arrestor |
| • | Pole - bushing 100% gas- and electrolyte-tight |
| • | M10 brass insertion sliding-pole |
| • | Connectors, flexible insulated copper cables, with cross-section of 35-90 mm ² |

Other Specifications @ 20°C	
Design Life @ 20°C	20 Years
Design Life @ 30°C	10 Years
Design Life @ 40°C	5 Years
Dimensions (LxWxH1) ± 3	210x275x645 mm
Total Height (H2)	670 mm
Operation temp	-20 to 45 °C
Recommended temp	10 to 30 °C
Depth of Discharge DOD	up to 80 %
Case / pole settings	ABS / B A/B/C/D
Terminal	M10 bold
Torque setting	20 ± 1 Nm
Weight	93 kg



Constant Current Discharge - Ampere @ 20°C															
V/Cell	15 min	20 min	30 min	60 min	90min	2h	3h	4h	5h	6h	7h	8h	10h	20h	
1,90	409	400	378	332	291	263	216	183	158	139	125	114	97,4	57,3	
1,85	606	580	546	442	373	330	262	218	187	164	147	133	112	64,3	
1,80	765	735	670	534	448	387	285	238	206	180	160	145	125	70,1	
1,75	912	853	771	596	489	407	300	251	215	186	165	149	125	70,1	
1,70	1048	971	872	610	512	422	313	258	215	186	165	149	125	70,1	
1,65	1176	1080	956	682	526	431	318	258	215	186	165	149	125	70,1	

Constant Power Discharge - Watt @ 20°C															
V/Cell	15 min	20 min	30 min	60 min	90min	2h	3h	4h	5h	6h	7h	8h	10h	20h	
1,90	778	762	721	637	560	508	419	356	307	271	244	222	192	113	
1,85	1130	1085	1022	828	702	625	500	418	360	317	284	258	218	126	
1,80	1395	1341	1223	983	830	721	535	448	390	342	306	279	240	137	
1,75	1625	1529	1391	1085	897	751	559	470	405	351	313	286	240	137	
1,70	1819	1706	1553	1101	932	775	577	481	405	351	313	284	238	137	
1,65	2018	1876	1684	1217	947	783	580	481	404	350	311	282	237	133	

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