



# 16 OPzV 2000

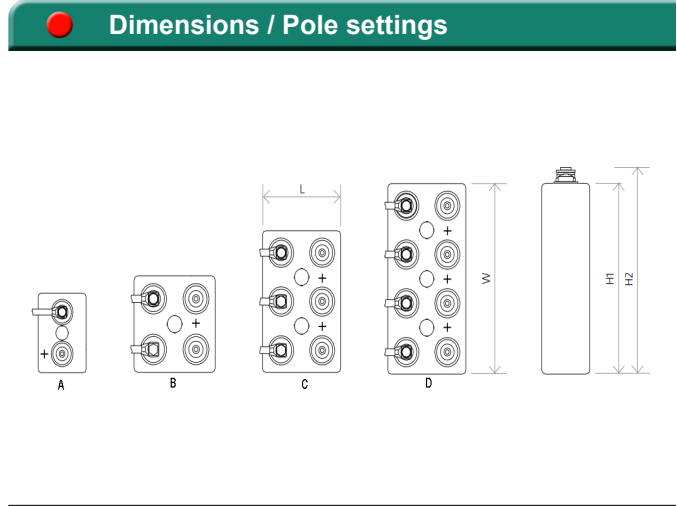
## 2V - 2000 Ah



Electrical Specifications @ 20°C		
Nominal Voltage		2 V
Capacity	C10 / 1,80V	2040 Ah
	C5 / 1,77V	1680 Ah
	C3 / 1,75V	1488 Ah
	C1 / 1,67V	992 Ah
Self discharge	per month	≈ 2 %
Resistance	fully charged	≈ 0,17 mΩ
Float Charge	+/- 1%	2,25 Volt
Boost Charge	+/- 1%	2,35 Volt
Boost Charge Max. current		0,25 C10 Ampere
Short Circuit		11510 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 <sup>2</sup> |

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	214x399x771 mm
Total Height (H2)	796 mm
Operation temp	-20 to 45 °C
Recommended temp	10 to 30 °C
Depth of Discharge DOD	up to 80 %
Case / pole settings	ABS / C A/B/C/D
Terminal	M10 bold
Torque setting	20 ± 1 Nm
Weight	155 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	550	548	540	506	438	394	326	280	246	220	202	185	156	89,7
1,85	790	786	764	652	560	504	406	346	300	266	240	216	181	103
1,80	1080	1050	996	840	718	630	462	398	350	306	271	244	209	115
1,75	1340	1266	1164	932	772	667	496	420	365	317	279	251	209	115
1,70	1545	1470	1325	959	814	694	528	432	365	317	279	251	209	115
1,65	1741	1648	1472	1080	835	710	535	432	365	317	279	251	209	115

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	1047	1044	1030	971	843	760	633	545	478	430	394	361	307	177
1,85	1473	1470	1430	1221	1054	954	774	664	578	513	464	419	352	202
1,80	1969	1915	1819	1546	1330	1173	867	750	662	582	518	469	401	225
1,75	2388	2270	2100	1697	1417	1231	924	787	688	598	530	482	401	225
1,70	2682	2583	2360	1730	1482	1275	974	805	688	598	530	479	398	225
1,65	2988	2863	2592	1927	1504	1290	976	805	685	597	526	475	397	219

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