

**24 OPzV 3000**



Specification	
Float Voltage	Standby use 2.23 V/cell
Boost Recharge	Maximum voltage of 2.35 - 2.40 V/cell with a maximum current of 0.25 C10 (A)
Dimension	Length 576 mm (22,68 inches)
	Width 212 mm (8,35 inches)
	Height 771 mm (30,35 inches)
Weight	231,4 kg
Self Discharge	Approx. 2% per month at 20°C
Tubular Positive Plates	Special grid construction, pressure cast from antimony free alloy, with highly porous gauntlets that retain the active material
Pasted Negative Plates	Service lives consistent with the positive plates
Electrolyte	Gel structure
Separators	Extremely high porosity and low internal resistance
Containers and Lids	Made of plastic (ABS) material. Also available in ABS flame retardant material as an option (according to IEC 707 FV0)
Installation	Cells are normally installed in an upright position on steel stands
One Way Relief Valve	Opens at low pressure and is fitted with a flame arrestor device
Terminals	Female treated terminal (M10) perfect contact and low resistance with flexible cable connectors
Post Seals	Prevents electrolyte leakage and terminal corrosion
Connectors	Flexible, fully insulated cable connectors screwed (with 20±1 Nm) to the terminal with an insulated screw having a probe hole on the top for electrical measurement

**Constant Current Discharge (Amperes) at 20°C (68°F)**

F.V/Time	15min	30min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.90VPC	825	810	759	591	489	420	369	330	278	234	134
1.85VPC	1185	1146	978	756	609	519	450	399	323	271	154
1.80VPC	1620	1494	1260	945	702	597	500	450	366	306	170
1.75VPC	2010	1746	1398	1000	744	620	515	462	371	310	171
1.70VPC	2318	1988	1438	1041	792	641	543	472	374	312	172
1.65VPC	2612	2208	1620	1066	803	647	548	476	376	313	172

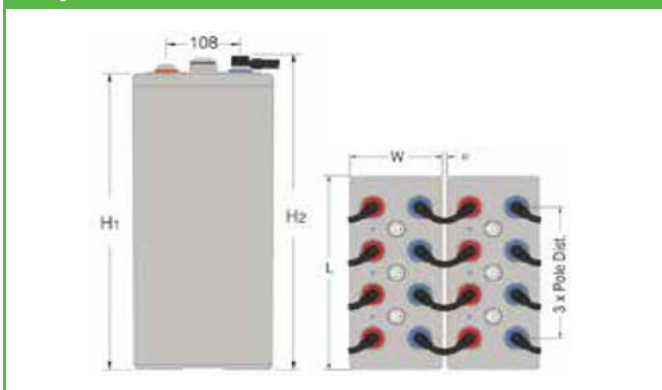
**Constant Power Discharge (Watts) at 20°C (68°F)**

F.V/Time	15min	30min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.90VPC	1570	1545	1456	1141	949	817	717	644	542	461	265
1.85VPC	2210	2145	1831	1431	1161	996	867	770	626	527	302
1.80VPC	2953	2728	2320	1760	1318	1124	946	855	703	587	333
1.75VPC	3582	3150	2546	1845	1385	1161	970	871	708	590	334
1.70VPC	4024	3541	2595	1912	1461	1194	1019	889	707	592	327
1.65VPC	4482	3888	2890	1937	1465	1192	1018	887	703	588	324

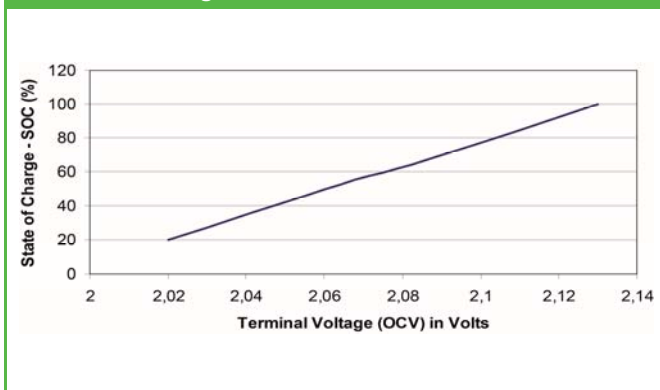


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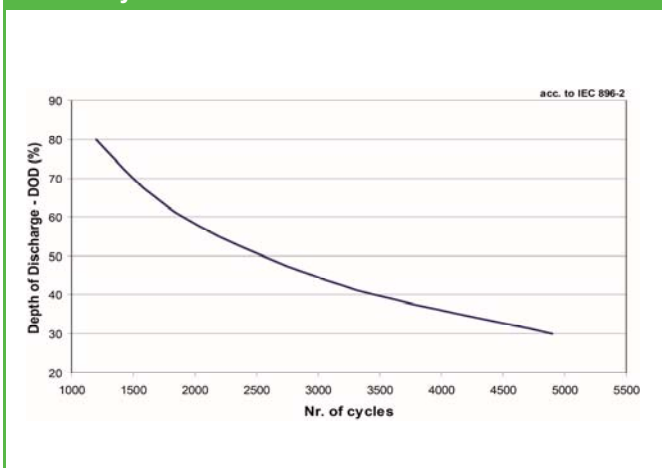
**Layout**



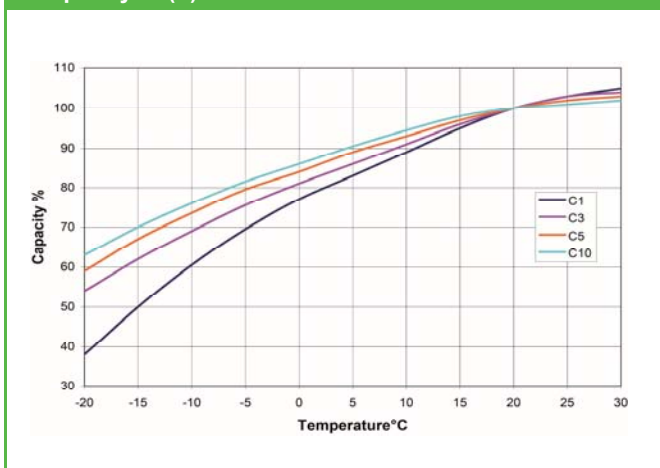
**Terminal Voltage vs. SOC**



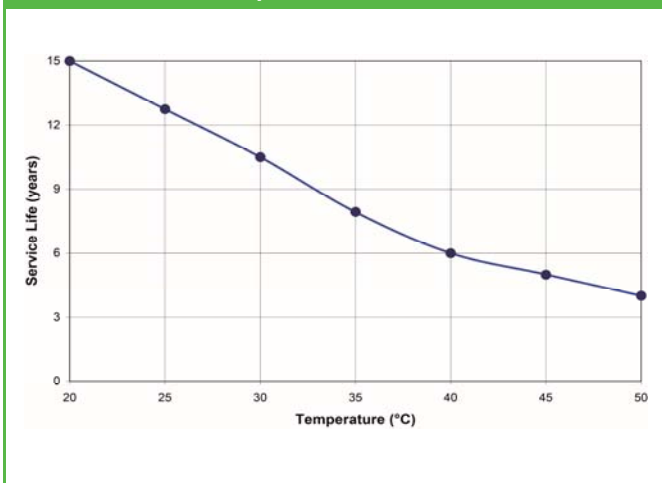
**No. of cycles vs. DOD**



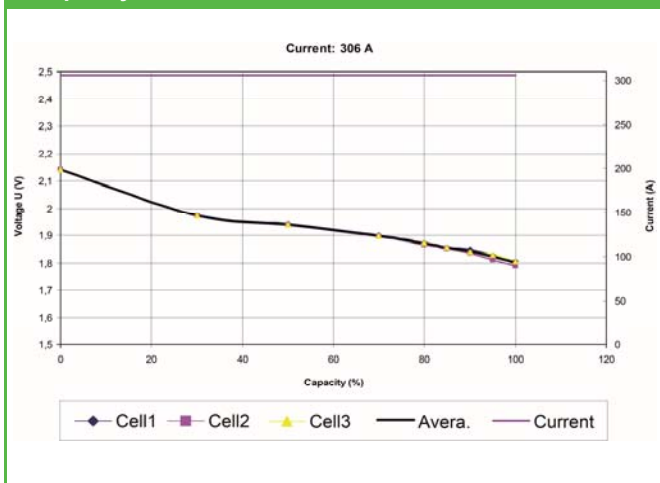
**Capacity = f(T)**



**Service Life vs Temperature**



**Capacity test C10**



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