



24 OPzV 3000

2V - 3000 Ah



Electrical Specifications @ 20°C

Nominal Voltage		2 V
Capacity	C10 / 1,80V	3060 Ah
	C5 / 1,77V	2520 Ah
	C3 / 1,75V	2232 Ah
	C1 / 1,67V	1488 Ah
Self discharge	per month	≈ 2 %
Resistance	fully charged	≈ 0,12 mΩ
Float Charge	+/- 1%	2,25 Volt
Boost Charge	+/- 1%	2,35 Volt
Boost Charge Max. current		0,25 C10 Ampere
Short Circuit		17260 Ampere
Temperature correction factor		- 4 mVolt / °C

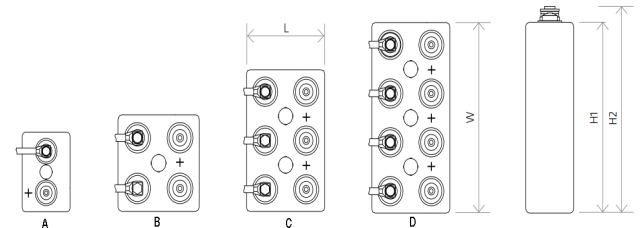
Other Specifications @ 20°C

Design Life @ 20°C	20 Years
Design Life @ 30°C	10 Years
Design Life @ 40°C	5 Years
Dimensions (LxWxH1) ± 3	214x576x771 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 / D A/B/C/D
Terminal	M10 bold
Torque setting	20 ± 1 Nm
Weight	235 kg

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 mm²

Dimensions / Pole settings



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	825	822	810	759	657	591	489	420	369	330	303	278	234	134
1,85	1185	1179	1146	978	840	756	609	519	450	399	360	323	271	154
1,80	1620	1575	1494	1260	1077	945	702	597	500	450	407	366	313	172
1,75	2010	1899	1746	1398	1158	1000	744	620	548	476	419	376	313	172
1,70	2318	2205	1988	1438	1221	1041	792	647	548	476	419	376	313	172
1,65	2612	2472	2208	1620	1252	1066	803	647	548	476	419	376	313	172

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	1570	1566	1545	1456	1264	1141	949	817	717	644	591	542	461	265
1,85	2210	2205	2145	1831	1581	1431	1161	996	867	770	696	626	527	302
1,80	2953	2873	2728	2320	1996	1760	1318	1124	946	855	779	703	600	337
1,75	3582	3405	3150	2546	2125	1845	1385	1161	1032	898	796	722	600	337
1,70	4024	3874	3541	2595	2223	1912	1461	1205	1032	898	796	717	596	336
1,65	4482	4294	3888	2890	2255	1937	1465	1205	1029	897	791	711	594	327

EN201711-1

Your Wing Dealer :

