10 OPzS 1000

2V - 1000 Ah

Electrical Specifications @ 20°C

Nominal Voltage		2	V
Capacity	C10 / 1,80V	1065	Ah
	C5 / 1,77V	909	Ah
	C3 / 1,75V	796	Ah
	C1 / 1,67V	581	Ah
Self Discharge	per Month	≈ 2	%
Resistance	fully charged	≈ 0,26	mΩ
Float Charge	+/- 1%	2,23	Volt
Boost Charge	+/- 1%	2,35-2,40	Volt
Boost Charge Max. current	Max 6h	1,5x I10	Ampere
Short Circuit		7720	Ampere
Temperature correction factor		- 4	mVolt / °C

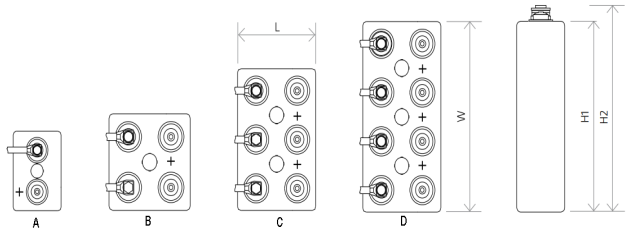
Innovative Features

- Positive electrode tubular - plate with a polyester gauntlet in Corrosion resistant LA-PbSbSe - alloy
- Negative electrode grid - pasted type with long-life expander material
- Separation micro porous separator
- Electrolyte sulphuric acid with a density of 1,24 kg/l
- ABS, high impact transparent SAN container
- Plug for arresting aerosols - ceramic plugs according DIN 40 740
- Sliding Pole - bushing 100% gas- and electrolyte-tight
- M10 brass insertion pole
- Connectors, flexible insulated copper cables

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	210x233x711	mm
Total Height (H2)	711	mm
Operation temp	-20 to 55	°C
Recommended temp	10 to 30	°C
Depth of Discharge DOD	up to 80	% Max.
Case / pole settings	ABS / B	A/B/C/D
Terminal	M10	bold
Torque setting	20 ± 1	Nm
Weight (Dry / Wet)	57 / 80	kg

Dimensions / Pole settings



Constant Current Discharge - Ampere @ 20°C

V/Cell	15 Min	30 Min	60 Min	2h	3h	4h	5h	6h	8h	10h	20h
1,90	323	314	291	228	186	158	137	123	102	89	53
1,87	420	399	339	262	212	179	157	135	113	97	55
1,83	534	488	400	298	236	198	170	147	123	103	57
1,80	637	552	444	319	252	209	180	154	128	107	59
1,75	757	639	504	345	265	217	184	155	128	109	60
1,70	865	718	541	361	272	221	190	161	132	110	60

Constant Power Discharge - Watt @ 20°C

V/Cell	15 Min	30 Min	60 Min	2h	3h	4h	5h	6h	8h	10h	20h
1,90	615	600	557	441	361	308	267	240	198	175	106
1,87	793	753	642	499	406	347	304	262	219	189	109
1,83	984	905	740	559	448	377	325	282	237	200	113
1,80	1161	1009	818	594	472	393	339	293	245	204	115
1,75	1348	1153	919	637	494	407	347	292	245	207	116
1,70	1501	1279	975	664	502	412	356	304	254	209	115

EN201711-1

Your Wing Dealer :

WETAC

Wetac Standby bv (NL) | orderdesk.nl@wetac.com | +31 (0)318 696 190
Wetac Standby bv (CZ) | orderdesk.cz@wetac.com | +420 732 172 800
Wetac UK Ltd. | orderdesk.uk@wetac.com | +44 (0)1204 366 728
BSOL Batteriesysteme GmbH | info@bsol.de | +49 (0)211 387 899-40

Wing Battery reserves the right to change any data without notification, please visit http://www.wingbattery.com to find the most up to date version of this document