



4 OPzS 200

2V - 200 Ah



Electrical Specifications @ 20°C

Nominal Voltage		2 V
Capacity	C10 / 1,80V	208 Ah
	C5 / 1,77V	180 Ah
	C3 / 1,75V	158 Ah
	C1 / 1,67V	115 Ah
Self Discharge	per Month	≈ 2 %
Resistance	fully charged	≈ 0,84 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		2376 Ampere
Temperature correction factor		- 4 mVolt / °C

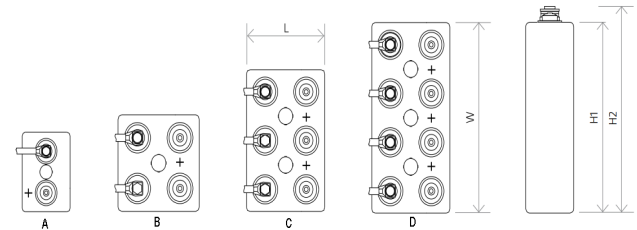
Other Specifications @ 20°C

Design Life @ 20°C	20 Years
Design Life @ 30°C	10 Years
Design Life @ 40°C	5 Years
Dimensions (LxWxH1) ± 3	103x206x420 mm
Total Height (H2)	420 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 / A A/B/C/D
Terminal	M10 bold
Torque setting	20 ± 1 Nm
Weight (Dry / Wet)	13 / 18 kg

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

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	91	82	67	48	38	32	28	25	21	18,1	8,8
1,87	118	100	78	55	44	36	32	27	22	19,4	9,6
1,83	146	120	89	61	48	40	34	29	24	20,5	9,9
1,80	166	133	96	65	51	42	36	31	25	20,8	11,7
1,75	196	149	104	69	53	43	37	31	25	21,2	11,9
1,70	216	165	111	70	54	43	38	32	26	21,4	11,9

Constant Power Discharge - Watt @ 20°C

V/Cell	15 Min	30 Min	60 Min	2h	3h	4h	5h	6h	8h	10h	20h
1,90	174	156	128	93	74	63	55	49	41	36	18
1,87	223	188	147	106	84	70	62	53	44	38	19
1,83	269	222	164	115	91	76	65	57	46	40	19
1,80	303	243	177	120	95	78	67	58	48	40	23
1,75	349	269	189	127	98	81	69	58	48	40	23
1,70	375	293	200	129	99	81	71	60	50	41	23

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Your Wing Dealer :

