



5 OPzS 350

2V - 350 Ah



Electrical Specifications @ 20°C

Nominal Voltage		2 V
Capacity	C10 / 1,80V	380 Ah
	C5 / 1,77V	325 Ah
	C3 / 1,75V	280 Ah
	C1 / 1,67V	205 Ah
Self Discharge	per Month	≈ 2 %
Resistance	fully charged	≈ 0,64 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		3137 Ampere
Temperature correction factor		- 4 mVolt / °C

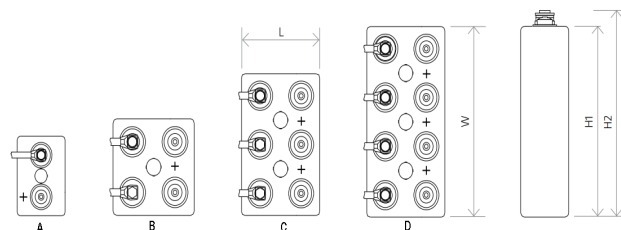
Other Specifications @ 20°C

Design Life @ 20°C	20 Years
Design Life @ 30°C	10 Years
Design Life @ 40°C	5 Years
Dimensions (LxWxH1) ± 3	124x206x536 mm
Total Height (H2)	536 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)	20 / 29 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	130	126	113	83	67	56	50	44	37	32	19
1,87	177	161	131	96	77	64	56	49	41	34	20
1,83	221	193	153	108	85	70	61	53	44	37	21
1,80	251	216	167	115	90	74	64	55	45	38	21
1,75	297	244	183	124	93	76	66	56	46	39	21
1,70	337	269	193	125	94	77	67	58	48	38	21

Constant Power Discharge - Watt @ 20°C

V/Cell	15 Min	30 Min	60 Min	2h	3h	4h	5h	6h	8h	10h	20h
1,90	247	240	217	161	131	109	96	87	72	64	38
1,87	334	304	248	184	147	123	108	94	79	67	38
1,83	406	358	283	203	162	133	117	102	85	71	41
1,80	458	394	307	215	169	140	121	105	87	73	42
1,75	530	440	334	228	174	143	124	106	88	73	42
1,70	585	479	348	230	174	143	127	109	91	73	40

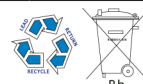
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