



8 OPzS 800

2V - 800 Ah



Electrical Specifications @ 20°C

Nominal Voltage		2 V
Capacity	C10 / 1,80V	853 Ah
	C5 / 1,77V	727 Ah
	C3 / 1,75V	638 Ah
	C1 / 1,67V	466 Ah
Self Discharge	per Month	≈ 2 %
Resistance	fully charged	≈ 0,33 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		6035 Ampere
Temperature correction factor		- 4 mVolt / °C

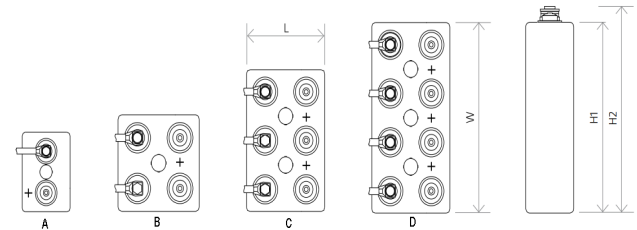
Other Specifications @ 20°C

Design Life @ 20°C	20 Years
Design Life @ 30°C	10 Years
Design Life @ 40°C	5 Years
Dimensions (LxWxH1) ± 3	210x191x711 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)	46 / 65 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	258	251	233	183	149	127	110	99	81	71	43
1,87	339	321	273	209	170	144	125	108	90	78	44
1,83	430	373	321	239	189	159	137	118	98	83	46
1,80	446	444	357	256	202	167	144	123	102	85	47
1,75	611	514	406	277	213	174	147	124	103	87	48
1,70	697	577	435	290	218	177	152	129	106	88	48

Constant Power Discharge - Watt @ 20°C

V/Cell	15 Min	30 Min	60 Min	2h	3h	4h	5h	6h	8h	10h	20h
1,90	491	480	446	352	289	247	213	193	159	140	85
1,87	639	606	517	400	326	279	243	210	176	152	87
1,83	793	691	595	448	359	302	261	227	190	161	90
1,80	814	812	657	477	379	316	272	234	196	164	92
1,75	1088	927	739	511	396	326	277	234	196	165	93
1,70	1211	1028	785	533	403	329	285	243	203	167	92

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