



# 6 OPzS 600

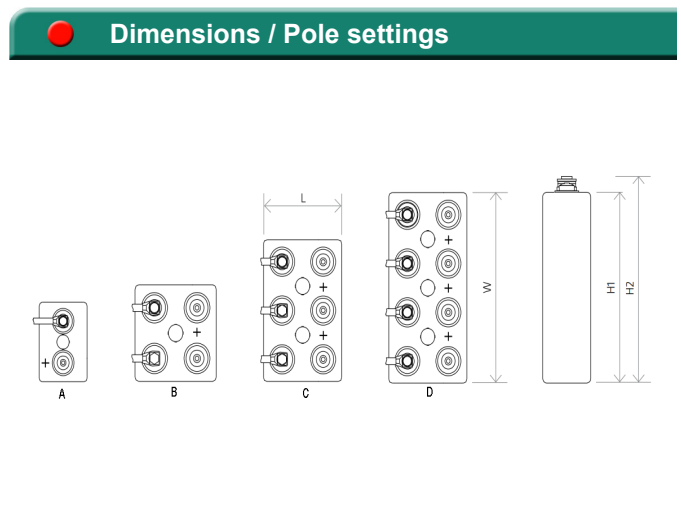
## 2V - 600 Ah



Electrical Specifications @ 20°C		
Nominal Voltage		2 V
Capacity	C10 / 1,80V	640 Ah
	C5 / 1,77V	544 Ah
	C3 / 1,75V	477 Ah
	C1 / 1,67V	348 Ah
Self Discharge	per Month	≈ 2 %
Resistance	fully charged	≈ 0,45 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		4466 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		145x206x711 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 / A	A/B/C/D
Terminal		M10 bold
Torque setting		20 ± 1 Nm
Weight ( Dry / Wet )		35 / 50 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  |



Constant Current Discharge - Ampere @ 20°C											
V/Cell	15 Min	30 Min	60 Min	2h	3h	4h	5h	6h	8h	10h	20h
1,90	194	188	174	137	112	95	83	74	61	54	32
1,87	250	237	202	156	127	107	94	81	67	58	33
1,83	317	290	238	178	142	119	102	88	74	62	35
1,80	378	329	265	191	151	125	107	93	77	64	35
1,75	449	381	300	206	159	130	110	93	77	65	36
1,70	513	427	322	215	162	132	114	97	79	66	36

Constant Power Discharge - Watt @ 20°C											
V/Cell	15 Min	30 Min	60 Min	2h	3h	4h	5h	6h	8h	10h	20h
1,90	369	360	334	264	217	184	161	144	119	106	64
1,87	471	448	383	298	243	208	182	157	131	114	65
1,83	584	539	441	334	269	226	194	170	142	120	68
1,80	690	601	487	355	283	235	203	177	147	123	69
1,75	800	687	547	380	296	244	208	175	147	124	70
1,70	891	761	581	395	300	245	213	182	152	125	69

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