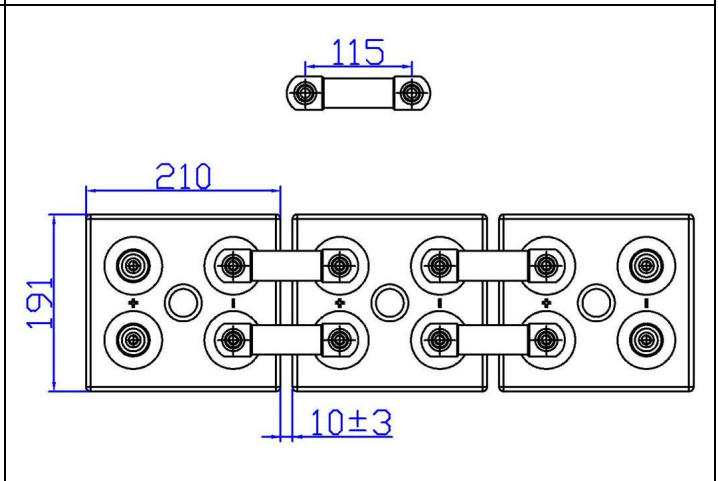
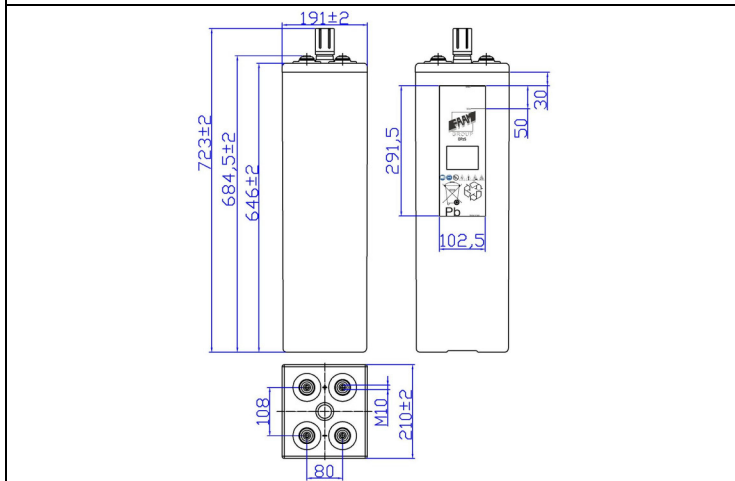




# 7STA100 – 7OPzS700

## DIMENSIONAL FEATURES

Nominal Voltage		2V		Stationary Cell flooded (OPzS) Box material: SAN transparent Lid material: ABS grey color Positive tubular and Negative flat plates Separators with low electric resistance Copper Connection (Cu) section: 3x30mm Standards: CEI EN 60896 Part 11 EN 50272-2
Nominal Capacity (10 hours)		700Ah (1,80Vfin) at 20°C		
Dimensions	Lenght	210 ±2mm		
	Width	191 ±2mm		
	Box Height	646 ±2mm		
	Total Height	723 ±2mm		
Technical Drawing n°4 00402-0		Weight 58,5 Kg ± 5%		
Screw Terminals: M10 female		Material: brass with protective treatment		



## ELECTRIC FEATURES

Characteristics			Charging curves @ 20°C (77 °F)
Capacity	10 hours (1,80Vfin) 8 hours (1,75Vfin) 3 hours (1,70Vfin) 1 hour (1,65Vfin)	700,0 Ah 668,2 Ah 510,9 Ah 327,6 Ah	
Temperature influence on the capacity (10h)	40°C 20°C 0°C	102% 100% 85%	
Internal Resistance Ri: 0,35 mΩ ±10%		SCC I <sub>sc</sub> : 5750 A ±10%	
Charging Voltage	Standby use	Max charging current 140A Floating Voltage 2,23V at 20°C Boosting Voltage 2,40V at 20°C Temperature Coefficient -20 mV/°C	

## Discharge Table at constant Current (Amp) and constant Power (Watt/cell) at 20°C

Time		30min	60min	90min	2hours	3hours	5hours	8hours	10hours	100hours	120hours
1.65V	A	434,98	327,60	265,37	231,03	176,72	121,32	86,73	73,50	9,51	8,07
	W	1019,13	674,73	517,10	436,80	327,79	228,39	163,14	132,30	17,17	14,57
1.70V	A	411,56	317,80	260,13	226,47	170,29	120,17	85,90	72,80	9,60	8,15
	W	971,72	652,05	498,96	421,98	318,55	227,31	162,37	131,49	17,10	14,51
1.80V	A	334,60	280,00	238,00	207,20	160,65	114,45	82,60	70,00	9,23	7,83
	W	790,02	567,00	453,60	390,00	297,99	215,46	153,47	126,00	16,62	14,10