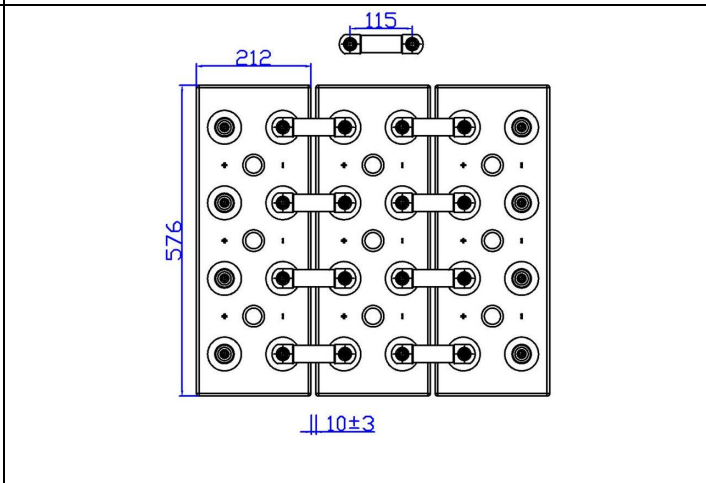
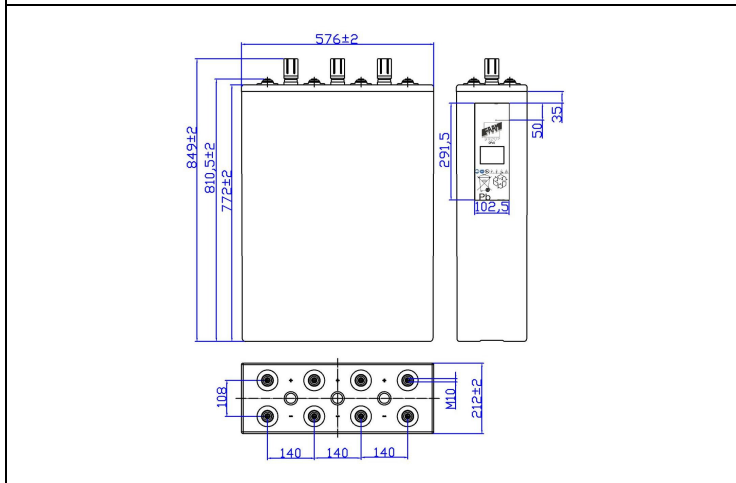




28STA125 – 28OPzS3500

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)		3500Ah (1,80Vfin) at 20°C		
Dimensions	Lenght	212 ±2mm		
	Width	576 ±2mm		
	Box Height	772 ±2mm		
	Total Height	849 ±2mm		
Technical Drawing n°4 00408-0		Weight 238,8 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)	3500,0 Ah 3416,0 Ah 2737,4 Ah 1761,2 Ah	
Temperature influence on the capacity (10h)	40°C 20°C 0° C	102% 100% 85%	
Internal Resistance Ri: 0,09 mΩ ±10%		SCC I _{sc} : 22700 A ±10%	
Charging Voltage	Standby use	Max charging current 700A 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	2202,55	1761,20	1488,69	1261,40	954,80	679,83	461,06	378,00	47,55	40,34
	W	5095,63	3373,65	2585,52	2184,00	1638,95	1141,94	815,68	661,50	85,84	72,83
1.70V	A	1955,30	1582,70	1370,88	1180,48	912,45	655,23	451,12	374,50	48,01	40,73
	W	4858,62	3260,25	2494,80	2109,90	1592,76	1136,55	811,85	657,47	85,51	72,54
1.80V	A	1421,00	1190,00	1071,00	952,00	770,00	572,25	413,88	350,00	46,17	39,17
	W	3950,10	2835,00	2268,00	1950,00	1489,95	1077,30	767,34	630,00	83,10	70,50