



# 14STA125 – 14OPzS1750

## DIMENSIONALS 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 Parte 11 EN 50272-2
Nominal Capacity (10 hours)		1750Ah (1,80Vfin) at 20°C		
Dimensions	Lenght	210 ±2mm		
	Width	275 ±2mm		
	Box Height	796 ±2mm		
	Total Height	873 ±2mm		
Technical Drawing n°4 00405-0		Weight 118,6 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)	1750,0 Ah		
	8 hours (1,75Vfin)	1712,0 Ah		
	3 hours (1,70Vfin)	1368,6 Ah		
	1 hour (1,65Vfin)	980,6 Ah		
Temperature influence on the capacity (10h)	40°C	102%		
	20°C	100%		
	0° C	85%		
Internal Resistance Ri: 0,21 mΩ ±10%		SCC I <sub>sc</sub> : 9300 A ±10%		
Charging Voltage	Standby use	Max charging current 350A 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		30 min	60min	90min	2hours	3hours	5hours	8hours	10hours	100hours	120hours
1.65V	A	1101,3	980,6	744,4	630,7	477,4	339,9	230,5	189,0	23,8	20,2
	W	2547,8	1686,8	1292,8	1092,0	819,5	570,9	407,8	330,8	42,9	36,4
1.70V	A	977,7	791,4	685,4	590,2	456,2	327,6	225,6	187,3	24,0	20,4
	W	2429,3	1630,1	1247,4	1054,9	796,4	568,3	405,9	328,7	42,8	36,3
1.80V	A	710,5	595,0	535,5	476,0	385,0	286,1	209,9	175,0	23,1	19,6
	W	1975,1	1417,5	1134,0	975,0	744,9	538,7	383,7	315,0	41,6	35,3