

## Analysis of great solar battery (100 Ah)

### Chemical analysis of active material

Ah	Serial	PAM			NAM		
		PbO <sub>2</sub>	PbO	PbSO <sub>4</sub>	Pb	PbO	PbSO <sub>4</sub>
100	010523GS100	76.0	1.1	13.6	85.0	1.1	11.0

### Samples

Sample	Serial Num	V (v)	R (mΩ)
R25	010523GS100	12.92	4.50
R26	010523GS100	12.89	4.54

### Electrical test

Sample	Serial Num	C20 (Ah)
R25	010523GS100	<b>122</b>
R26	010523GS100	<b>115</b>

### Weight of plates

Pos plate			Neg plate		
Plate (gr)	grid (gr)	PAM (gr)	Plate (gr)	grid (gr)	PAM (gr)
291	83	208	190	71	119

Analysis of alloy

	%Sn	%Ca	%Al
Neg strap	-	0015	0.0038
Neg grid	-	0.190	0.0159
Pos strap	0.23	0.015	0.0038
Pos grid	1.0	0.075	0.0110