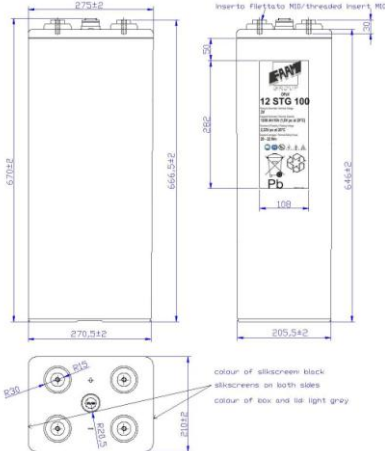
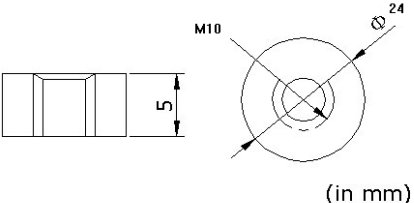
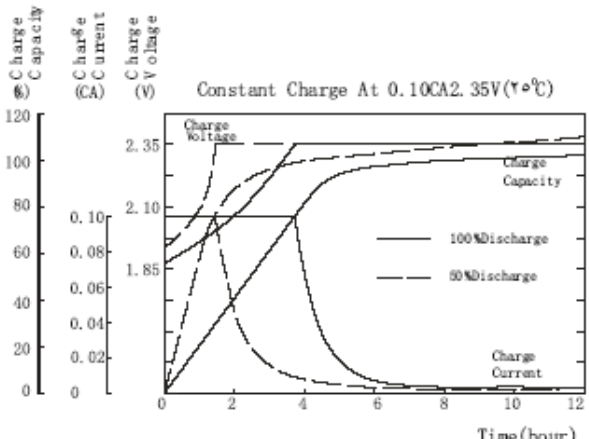
	<h1>12STG100</h1>
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## PHYSICAL SPECIFICATION

Nominal Voltage		2V
Nominal Capacity (10Hr)		1200Ah
Dimension	Length	275 ±2mm
	Width	210 ±2mm
	Container Height	646 ±2mm
	Total Height	670 ±2mm
Drawing 400307-0		Weight 97,0 Kg ± 5%
Standard Terminal		Bolt Type: M10
		<p>Bolt-and-nut terminal Bolt Type: <b>M10</b></p>  <p style="text-align: center;">(in mm)</p>

## ELECTRICAL SPECIFICATION

Characteristics			Charging curves @ 20°C
Capacity	10 hour rate	1200,00Ah	
	8 hour rate	1119,12Ah	
	5 hour rate	971,45Ah	
	3 hour rate	926,73Ah	
	1 hour rate	806,39Ah	
Capacity affected by temperature	40°C	102%	
	20°C	100%	
	0°C	85%	
Internal Resistance 0,20 mΩ±10%		SCC 9500 A ±10%	
Charge Voltage	Standby	Max Charge Current 240 A Floating Voltage 2,23V at 20°C Boost Charge 2,35V at 20°C Temperature Coefficient -20 mV/°C	

### Constant Current(Amp) and Constant Power (Watt/Cell) Discharge Table at 20°C

Time		30 min	60 min	90 min	2 h	3 h	5 h	8 h	10 h	100 h	120 h
1,65V	A	1101,60	748,80	618,86	416,00	320,57	205,94	144,00	126,00	16,30	13,83
	W	1612,52	1330,41	1121,37	928,31	727,88	485,03	342,36	287,70	33,02	27,66
1,70V	A	1064,57	716,80	597,14	401,14	308,91	204,00	142,63	124,80	16,46	13,97
	W	1557,39	1273,55	1082,03	895,16	701,41	480,46	339,10	284,96	33,34	27,93
1,80V	A	925,71	640,00	542,86	371,43	291,43	194,29	137,14	120,00	15,83	13,43
	W	1378,22	1137,10	983,66	828,85	661,71	457,58	326,06	274,00	32,06	26,85