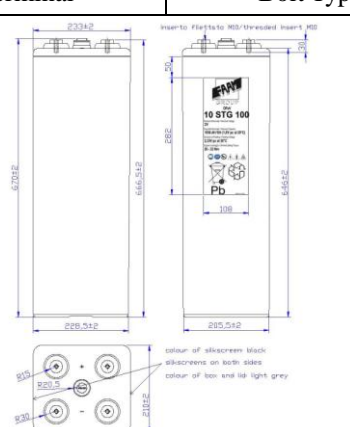
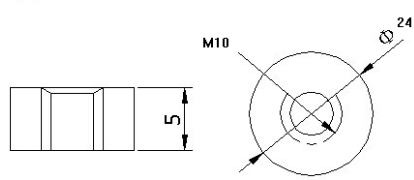
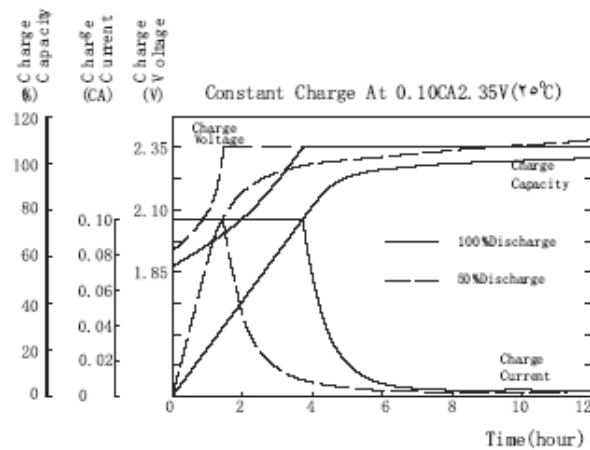
	<h1>10STG100</h1>
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PHYSICAL SPECIFICATION

Nominal Voltage		2V	Container and lid ABS, FV0 on request
Nominal Capacity (10Hr)		1000Ah	
Dimension	Length	233 ±2mm	
	Width	210 ±2mm	
	Container Height	646 ±2mm	
	Total Height	670 ±2mm	
Drawing 400259-0		Weight	80,0 Kg ± 5%
Standard Terminal		Bolt Type: M10	
			Bolt-and-nut terminal Bolt Type: M10  <p style="text-align: center;">(in mm)</p>

ELECTRICAL SPECIFICATION

Characteristics			Charging curves @ 20°C
Capacity	10 hour rate	1000,00Ah	
	8 hour rate	932,56Ah	
	5 hour rate	809,50Ah	
	3 hour rate	772,29Ah	
	1 hour rate	672,00Ah	
Capacity affected by temperature	40°C	102%	
	20°C	100%	
	0°C	85%	
Internal Resistance 0,26 mΩ±10%		SCC 7750 A ±10%	
Charge Voltage	Standby	Max Charge Current 200 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	918,00	624,00	515,71	346,67	267,14	171,62	120,00	105,00	13,59	11,53
	W	1335,92	1102,20	929,02	769,08	603,03	401,84	283,64	238,35	27,36	22,91
1.70V	A	887,14	597,33	497,62	334,29	257,43	170,00	118,86	104,00	13,72	11,64
	W	1290,25	1055,10	896,42	741,61	581,10	398,04	280,94	236,08	27,62	23,14
1,80V	A	771,43	533,33	452,38	309,52	242,86	161,90	114,29	100,00	13,19	11,19
	W	1141,81	942,05	814,93	686,68	548,21	379,09	270,13	227,00	26,56	22,25