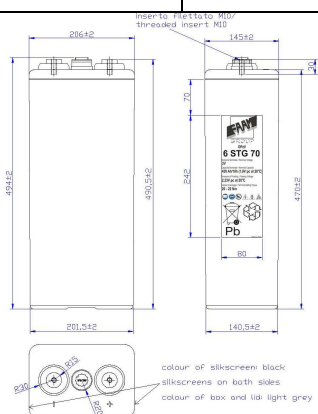
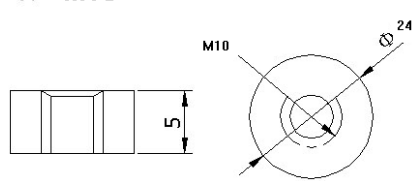
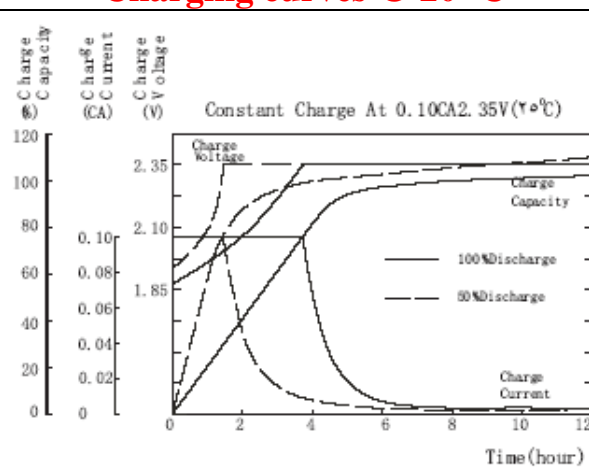
	<h1>6STG70</h1>
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## PHYSICAL SPECIFICATION

Nominal Voltage Nominal Capacity (10Hr)		2V 420Ah	Container and lid ABS, FV0 on request
Dimension	Length	206 ±2mm	
	Width	145 ±2mm	
	Container Height	470 ±2mm	
	Total Height	494 ±2mm	
Drawing 400305-0		Weight 34,0 Kg ± 5%	
Standard Terminal		Bolt Type: M10	
			Bolt-and-nut terminal Bolt Type: <b>M10</b>  <p style="text-align: center;">(in mm)</p>

## ELECTRICAL SPECIFICATION

Characteristics			Charging curves @ 20°C
Capacity	10 hour rate	420,00Ah	
	8 hour rate	391,68Ah	
	5 hour rate	357,00Ah	
	3 hour rate	324,36Ah	
	1 hour rate	282,24Ah	
Capacity affected by temperature	40°C 20°C 0°C	102% 100% 85%	
Internal Resistance 0,55 mΩ±10%		SCC 4350 A ±10%	
Charge Voltage	Standby	Max Charge Current 80 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	385,56	262,08	216,60	145,60	112,20	72,08	50,40	44,10	5,71	4,84
	W	631,80	492,80	404,24	322,56	247,50	163,13	113,40	94,50	11,24	9,59
1,70V	A	372,60	250,88	209,00	140,40	108,12	71,40	49,92	43,68	5,76	4,89
	W	631,80	492,80	404,24	322,56	247,50	163,13	113,40	94,50	11,24	9,59
1,80V	A	324,00	224,00	190,00	130,00	102,00	68,00	48,00	42,00	5,54	4,70
	W	540,00	421,20	354,60	288,00	225,00	153,90	108,00	90,00	10,91	9,32