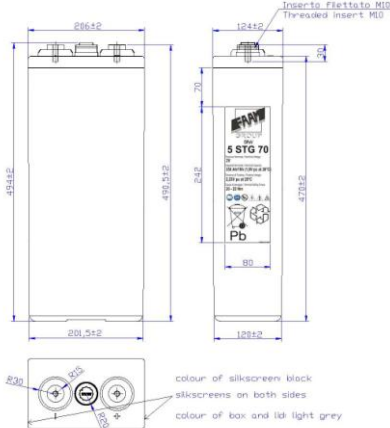
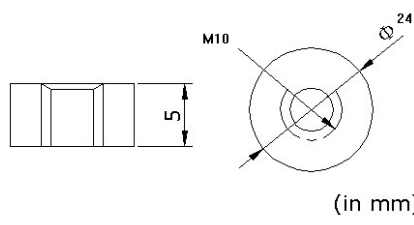
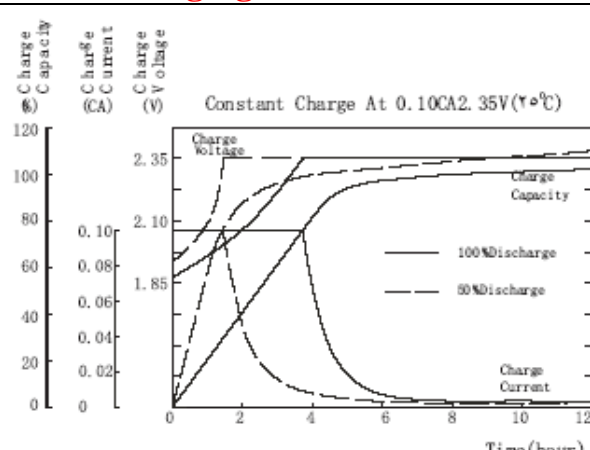
	<h1>5STG70</h1>
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## PHYSICAL SPECIFICATION

Nominal Voltage		2V	Container and lid ABS, FV0 on request
Nominal Capacity (10Hr)		350Ah	
Dimension	Length	206 ±2mm	
	Width	124 ±2mm	
	Container Height	470 ±2mm	
	Total Height	494 ±2mm	
Drawing 400304-0		Weight	30,0 Kg ± 5%
Standard Terminal		Bolt Type: M10	
		Bolt-and-nut terminal Bolt Type: <b>M10</b>  (in mm)	

## ELECTRICAL SPECIFICATION

Characteristics			Charging curves @ 20°C
Capacity	10 hour rate	350,00Ah	
	8 hour rate	326,40Ah	
	5 hour rate	283,35Ah	
	3 hour rate	270,30Ah	
	1 hour rate	235,20Ah	
Capacity affected by temperature	40°C 20°C 0°C	102% 100% 85%	
Internal Resistance 0,65 mΩ±10%		SCC 4000 A ±10%	
Charge Voltage	Standby	Max Charge Current 70 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	321,30	218,40	180,50	121,33	93,50	60,07	42,00	36,75	4,76	4,03
	W	526,50	410,67	336,87	268,80	206,25	135,95	94,50	78,75	9,36	8,00
1,70V	A	310,50	209,07	174,17	117,00	90,10	59,50	41,60	36,40	4,80	4,07
	W	508,50	393,12	325,05	259,20	198,75	134,66	93,60	78,00	9,45	8,07
1,80V	A	270,00	186,67	158,33	108,33	85,00	56,67	40,00	35,00	4,62	3,92
	W	450,00	351,00	295,50	240,00	187,50	128,25	90,00	75,00	9,09	7,76