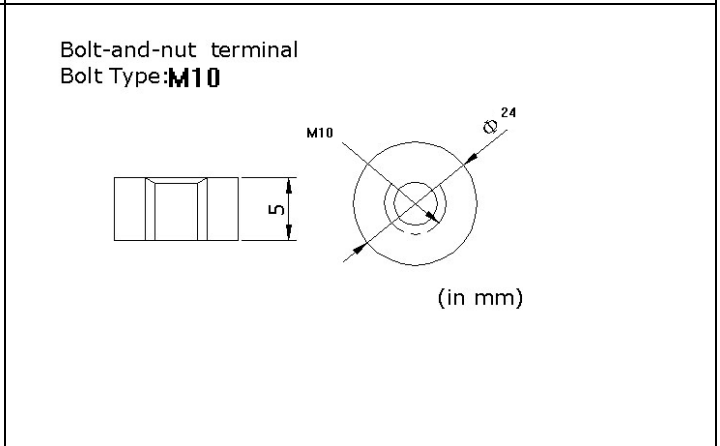
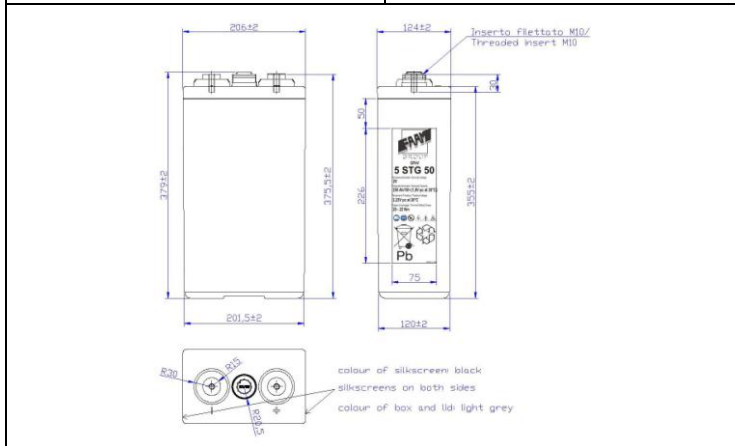
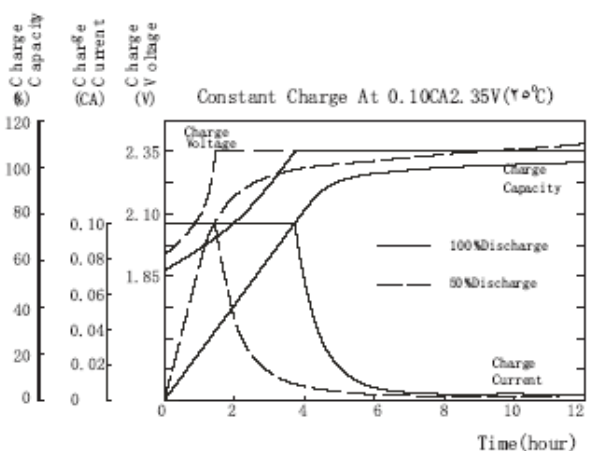
	5STG50
--	---------------

PHYSICAL SPECIFICATION

Nominal Voltage	2V	Container and lid ABS, FV0 on request
Nominal Capacity (10Hr)	250Ah	
Dimension	Length	206 ±2mm
	Width	124 ±2mm
	Container Height	355 ±2mm
	Total Height	379 ±2mm
Drawing 400302-0		Weight 23,0 Kg ± 5%
Standard Terminal		Bolt Type: M10



ELECTRICAL SPECIFICATION

Characteristics			Charging curves @ 20°C
Capacity	10 hour rate 8 hour rate 5 hour rate 3 hour rate 1hour rate	250,00Ah 133,12Ah 202,40Ah 193,08Ah 168,00Ah	
Capacity affected by temperature	40°C 20°C 0°C	102% 100% 85%	
Internal Resistance 0,75 mΩ±10%		SCC 3000 A ±10%	
Charge Voltage	Standby	Max Charge Current 50 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	229,50	156,00	128,93	86,67	66,79	42,90	30,00	26,25	3,40	2,88
	W	414,32	309,07	250,46	194,81	148,15	97,01	66,23	54,60	7,10	6,03
1,70V	A	221,79	149,33	124,40	83,57	64,36	42,50	29,71	26,00	3,43	2,91
	W	400,16	295,86	241,67	187,86	142,76	96,10	65,60	54,08	7,17	6,08
1,80V	A	192,86	133,33	113,10	77,38	60,71	40,48	28,57	25,00	3,30	2,80
	W	354,12	264,16	219,70	173,94	134,68	91,52	63,08	52,00	6,89	5,85