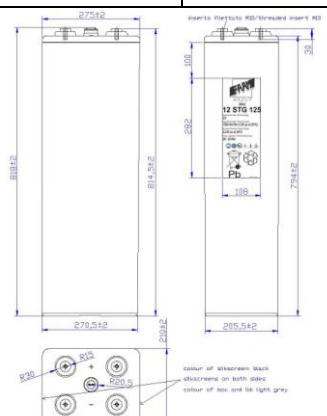
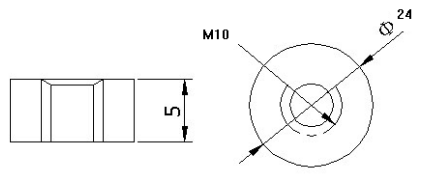
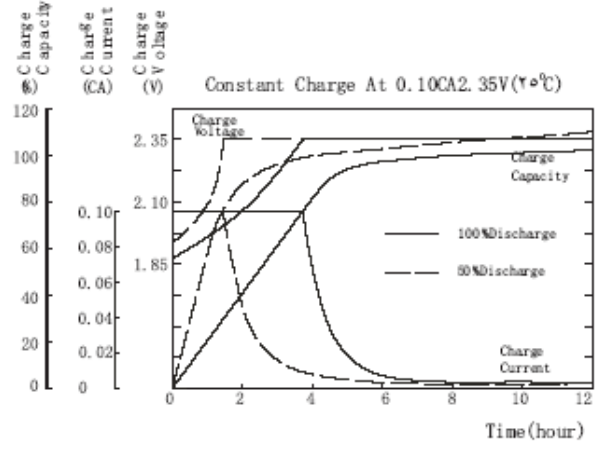
	<h1>12STG125</h1>
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## PHYSICAL SPECIFICATION

Nominal Voltage		2V	Container and lid ABS, FV0 on request
Nominal Capacity (10Hr)		1500Ah	
Dimension	Length	275 ±2mm	
	Width	210 ±2mm	
	Container Height	794 ±2mm	
	Total Height	818 ±2mm	
Drawing 400308-0		Weight	115,0 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	1500,00Ah	
	8 hour rate	1398,88Ah	
	5 hour rate	1214,30Ah	
	3 hour rate	1158,42Ah	
	1 hour rate	1007,99Ah	
Capacity affected by temperature	40°C	102%	
	20°C	100%	
	0°C	85%	
Internal Resistance 0,20 mΩ±10%		SCC 10500 A ±10%	
Charge Voltage	Standby	Max Charge Current 300 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	1377,00	935,99	773,57	520,00	400,71	257,43	180,00	157,50	20,38	17,29
	W	1700,60	1442,82	1231,41	1036,73	816,26	551,41	385,56	321,30	39,08	33,28
1,70V	A	1330,71	895,99	746,43	501,43	386,14	255,00	178,29	156,00	20,58	17,46
	W	1642,46	1381,16	1188,20	999,70	786,57	546,21	381,89	318,24	39,46	33,61
1,80V	A	1157,14	800,00	678,57	464,29	364,29	242,86	171,43	150,00	19,79	16,79
	W	1453,50	1233,18	1080,18	925,65	742,05	520,20	367,20	306,00	37,94	32,31