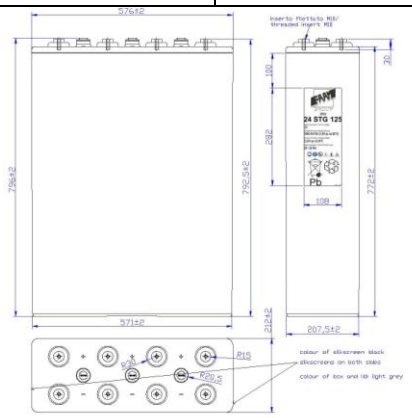
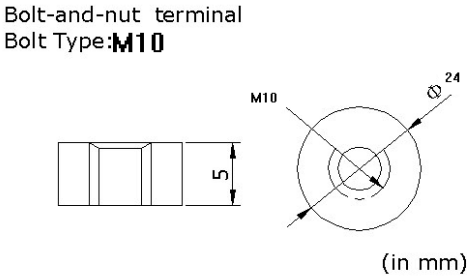
24STG125

PHYSICAL SPECIFICATION

Nominal Voltage Nominal Capacity (10Hr)		2V 3000Ah
Dimension	Length Width Container Height Total Height	212 ±2mm 576 ±2mm 772 ±2mm 796 ±2mm
Drawing 400311-0		Weight 240,0 Kg ± 5%
Standard Terminal		Bolt Type: M10

Container and lid ABS, FV0 on request



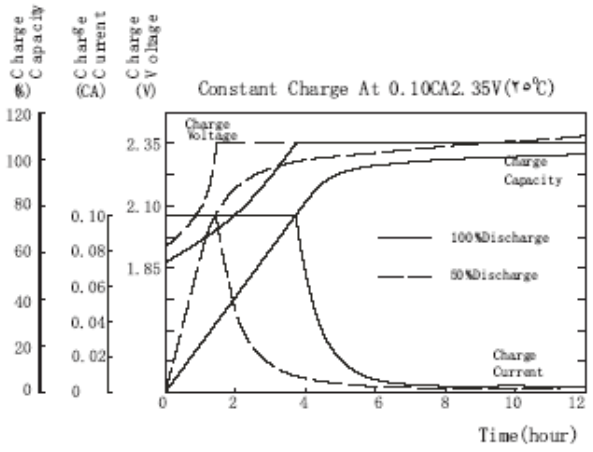


ELECTRICAL SPECIFICATION

Characteristics

Capacity	10 hour rate 8 hour rate 5 hour rate 3 hour rate 1 hour rate	3000,00Ah 2797,68Ah 2428,55Ah 2326,87Ah 2015,99Ah
Capacity affected by temperature	40°C 20°C 0°C	102% 100% 85%
Internal Resistance 0,11 mΩ±10%		SCC 16000 A ±10%
Charge Voltage	Standby	Max Charge Current 600 A Floating Voltage 2,23V at 20°C Bost Charge 2,35V at 20°C Temperature Coefficient –20 mV/°C

Charging curves @ 20°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	2754,00	1871,99	1547,14	1040,00	801,43	514,86	360,00	315,00	40,76	34,58
	W	3417,86	2899,79	2474,88	2083,62	1640,51	1108,23	774,90	645,75	78,55	66,89
1,70V	A	2661,43	1791,99	1492,86	1002,86	772,29	510,00	356,57	312,00	41,15	34,91
	W	3301,01	2775,86	2388,05	2009,21	1580,86	1097,78	767,52	639,60	79,31	67,54
1,80V	A	2314,29	1599,99	1357,14	928,57	728,57	485,71	342,86	300,00	39,57	33,57
	W	2921,25	2478,45	2170,95	1860,38	1491,38	1045,50	738,00	615,00	76,26	64,94