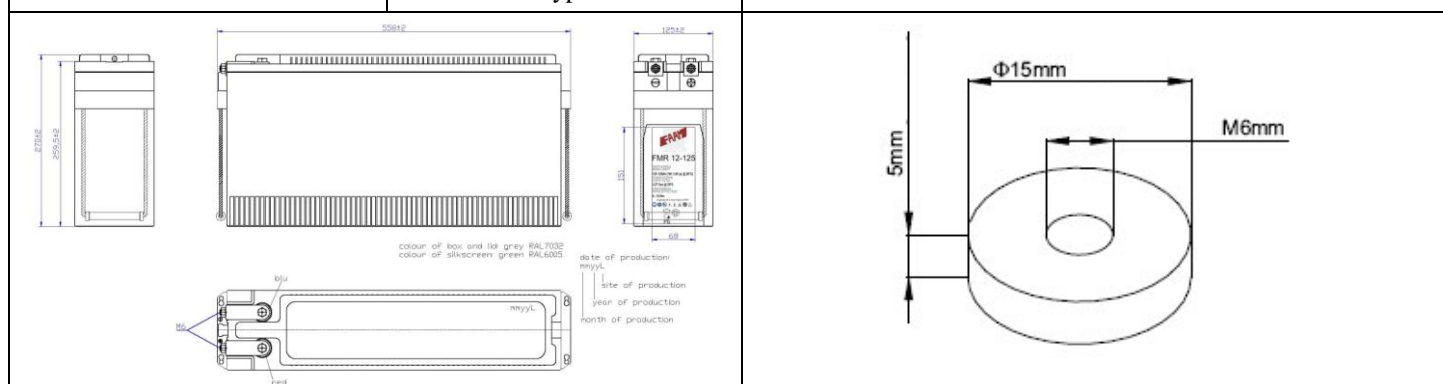
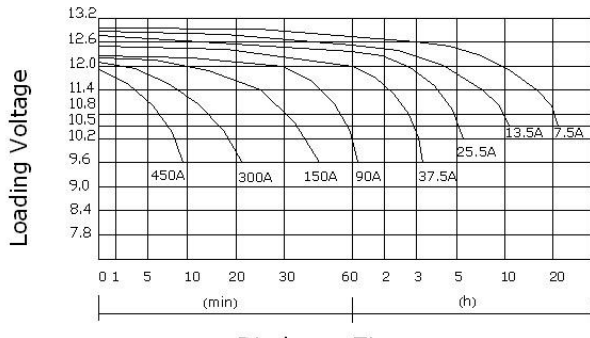
	<h1>FMR 12-125</h1>
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PHYSICAL SPECIFICATION

Nominal Voltage		12V
Nominal Capacity (10Hr)		125Ah
Dimension	Length	558 ±2mm
	Width	126 ±2mm
	Container Height	270 ±2mm
	Total Height	270 ±2mm
Drawing 400300-0		Weight 48,0 Kg ± 5%
Standard Terminal		Bolt Type: M6



ELECTRICAL SPECIFICATION

Characteristics			Discharge curves @ 25°C (77 °F)
Capacity	10 hour rate	125,00Ah	<div style="text-align: center;"> <p>Discharge Characteristics(25°C/77 °F)</p>  </div>
	8 hour rate	122,80Ah	
	5 hour rate	113,15Ah	
	3 hour rate	102,42Ah	
	1 hour rate	77,62Ah	
Capacity affected by temperature	40°C	102%	
	20°C	100%	
	0°C	85%	
Internal Resistance 5 mΩ ±10%		SCC 2500 A ±10%	
Constant Voltage Charge	Cycle	Initial Charging Current less than 40 A Voltage 14,40~15,00V at 20°C Temperature Coefficient -30 mV/°C	
	Stand by	No limit on Initial Charging Current Voltage 13,50~13,80V at 20°C Temperature Coefficient -20 mV/°C	

Constant Current(Amp) and Constant Power (Watt/Cell) Discharge Table at 20°C

Time		5min	15min	30min	60min	90min	120min	180min	300min	480min	600min
9,9V	A	384,38	215,05	131,49	77,32	53,10	44,46	34,57	23,80	15,80	12,93
	W	666,53	378,58	237,25	145,13	100,99	83,42	65,09	46,02	29,68	25,47
10,2V	A	359,38	207,01	128,69	76,66	52,65	44,20	34,14	23,53	15,73	12,75
	W	646,99	371,36	236,79	144,51	100,56	82,68	64,96	45,42	29,40	24,58
10,8V	A	312,50	187,00	121,75	73,50	50,48	42,50	33,50	22,63	15,23	12,50
	W	564,86	348,92	230,34	142,01	98,82	82,35	64,25	44,16	29,16	24,40