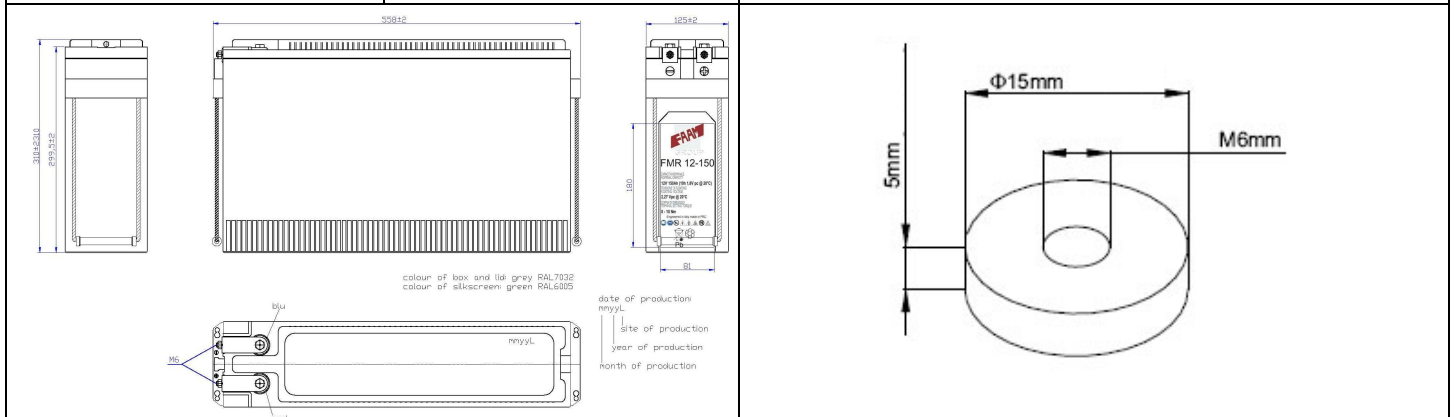
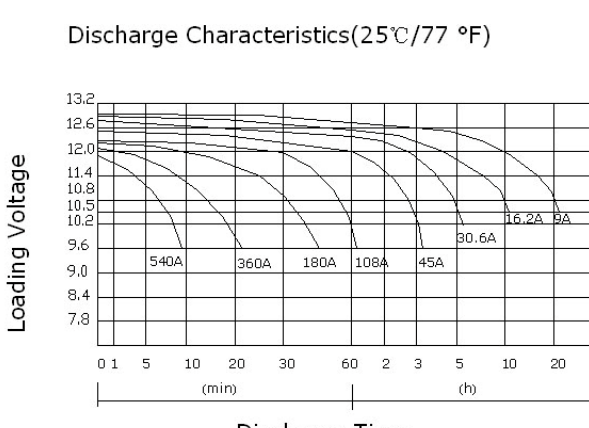
	<h1>FMR 12-150</h1>
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## PHYSICAL SPECIFICATION

Nominal Voltage	12V	
Nominal Capacity (10Hr)	150Ah	
Dimension	Length	558 ±2mm
	Width	126 ±2mm
	Container Height	310 ±2mm
	Total Height	310 ±2mm
Drawing 400095-1	Weight 52,0 Kg ± 5%	
Standard Terminal	Bolt Type: M6	



## ELECTRICAL SPECIFICATION

Characteristics			Discharge curves @ 25°C (77 °F)
Capacity	10 hour rate	150,00Ah	
	8 hour rate	147,36Ah	
	5 hour rate	135,75Ah	
	3 hour rate	122,88Ah	
	1hour rate	93,14Ah	
Capacity affected by temperature	40°C	102%	
	20°C	100%	
	0°C	85%	
Internal Resistance 4 mΩ ±10%		SCC 2800 A ±10%	
Constant Voltage Charge	Cycle	Initial Charging Current less than 45 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	461,25	258,06	157,79	92,79	63,72	53,35	41,49	28,56	18,96	15,51
	W	929,20	529,62	332,02	202,37	158,45	116,62	84,45	57,90	37,97	32,05
10,2V	A	431,25	248,41	154,43	91,99	63,17	53,04	40,96	28,24	18,87	15,30
	W	901,95	519,52	331,38	201,50	157,76	115,59	84,28	57,15	37,61	30,92
10,8V	A	375,00	224,40	146,10	88,20	60,57	51,00	40,20	27,15	18,27	15,00
	W	787,46	488,13	322,35	198,02	155,04	115,13	83,35	55,57	37,30	30,70