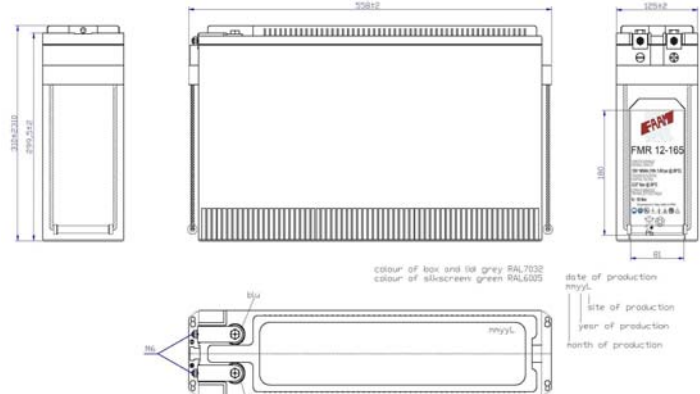
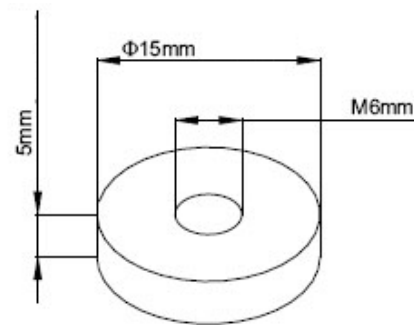
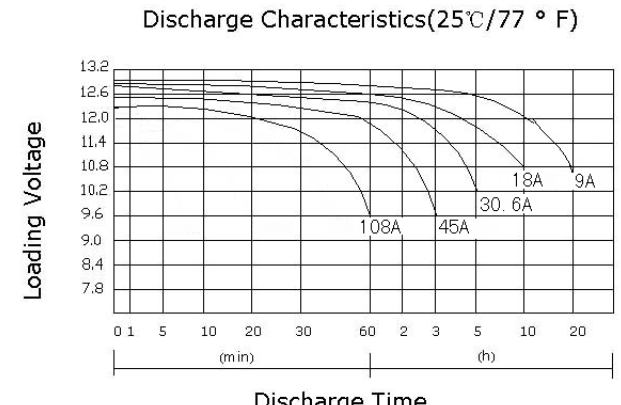
	<h1>FMR 12-165</h1>
--	---------------------

## PHYSICAL SPECIFICATION

Nominal Voltage		12V
Nominal Capacity (10Hr)		165Ah
Dimension	Length	558 ±2mm
	Width	126 ±2mm
	Container Height	310 ±2mm
	Total Height	310 ±2mm
Drawing 400254-1		Weight 56,0 Kg ± 5%
Standard Terminal		Bolt Type: M6
		
		

## ELECTRICAL SPECIFICATION

Characteristics			Discharge curves @ 25° C (77 ° F)
Capacity	10 hour rate	165,00Ah	
	8 hour rate	162,08Ah	
	5 hour rate	149,35Ah	
	3 hour rate	135,18Ah	
	1 hour rate	102,45Ah	
Capacity affected by temperature	40°C	102%	
	20°C	100%	
	0°C	85%	
Internal Resistance 3,5 mΩ ±10%		SCC 3700 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	507,38	283,87	173,57	102,07	70,09	58,68	45,64	31,42	20,86	17,06
	W	1016,97	579,65	363,38	221,49	173,41	127,64	92,43	63,37	41,56	35,08
10,2V	A	474,38	273,25	169,87	101,19	69,49	58,34	45,06	31,06	20,76	16,83
	W	987,15	568,59	362,68	220,53	172,67	126,50	92,25	62,54	41,16	33,84
10,8V	A	412,50	246,84	160,71	97,02	66,63	56,10	44,22	29,87	20,10	16,50
	W	861,84	534,24	352,80	216,72	169,68	126,00	91,22	60,82	40,82	33,60