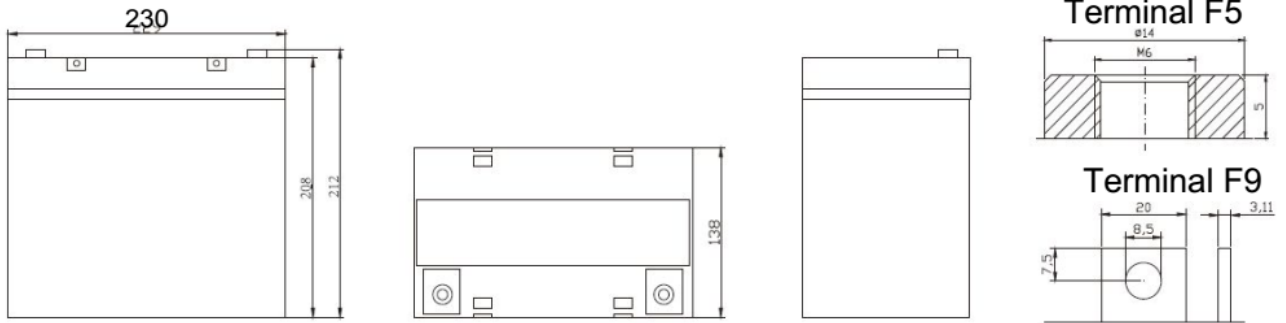


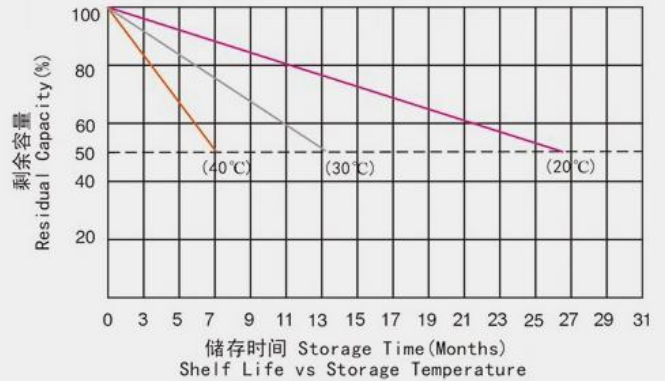
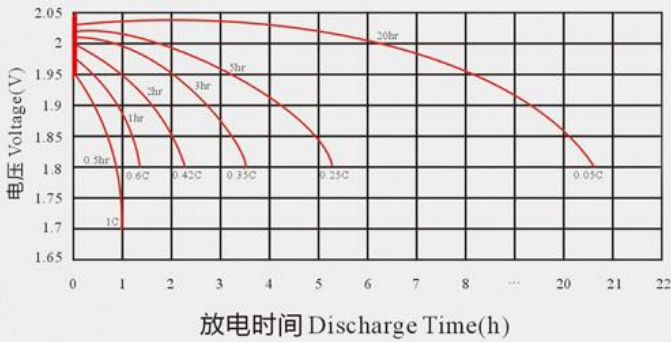
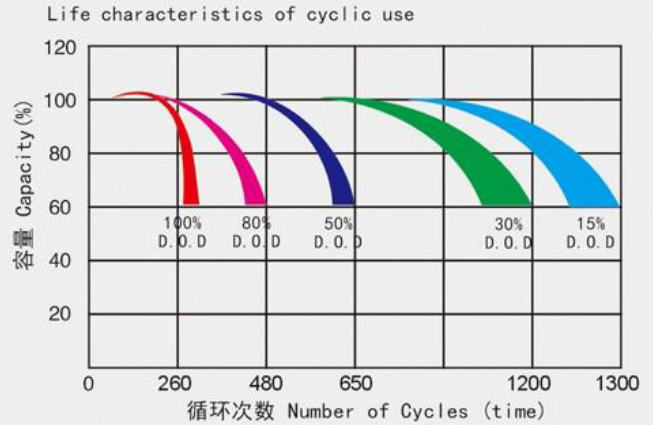
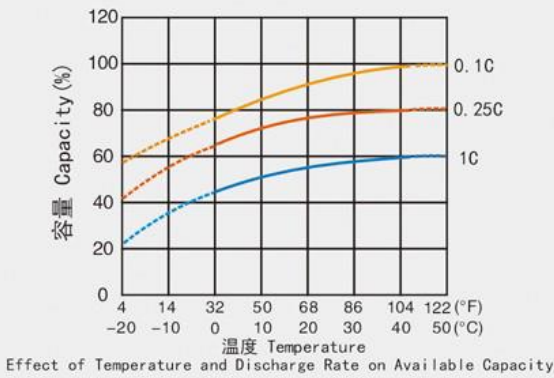
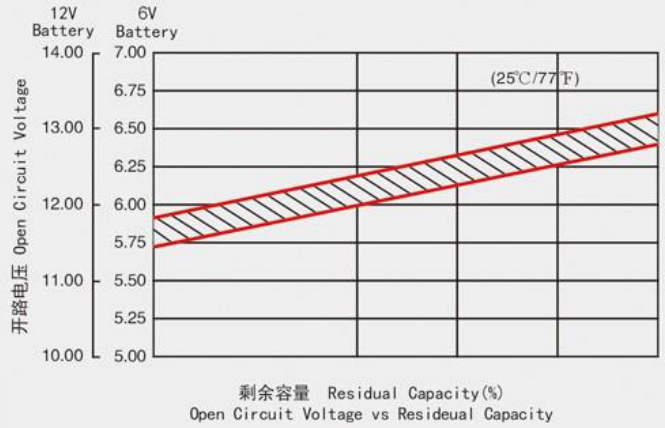
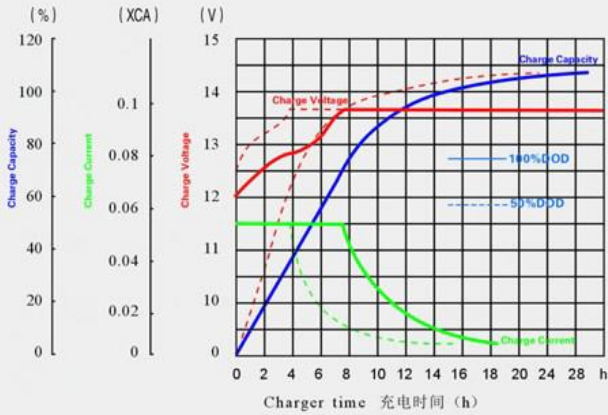
**Dimensions:** Terminal F9: L230\*W138\*H208(TH213)mm Terminal F5: L230\*W138\*H208(TH220)mm



## Specification

Battery Model	6-GFM-55 (12V55AH)		
Nominal Voltage	12V	Rated Capacity	55Ah (20hour rate) to 10.80V/cell @25°C(77°F)
Typical Weight	14 kg	Internal Resistance	Approx 9.5mΩ
Operating Temperature Range	Operation( maximum) :		-40°C to 55°C(-40°F to 131°F)
	Operation( recommended) :		15°C to 25°C(59°F to 77°F)
	Storage :		-20°C to 40°C(-4°F to 104°F)
Float Voltage	13.5--13.8V/cell@25°C(77°F)		
Charge Current	5.5A(Recommendation) 11.0A(Maxmum)		
Equalize and Cycle Service	14.6V~14.8.V/cell@25°C(77°F)		
Self Discharge	The residual capacity is above 94% after 90 days storage(25°C/77°F)		
Terminal	M6 Female Large Size Copper Post & Nut		
Terminal Hardware Torque	M5	6---7 ± 1.0Nm	
	M6	8---10 ± 1.0Nm	
	M8	10---15 ± 1.0Nm	
Container Material	ABS (V0 optional)		

## Performance Curve



## Discharge Data

### Constant Current Discharge Characteristics (A, 25 ℃)

F.V/TIME	5min	10min	15min	30min	60min	2h	3h	5h	8h	10h	20h
9.60	149.0	123.0	96.6	58.8	32.5	19.5	14.7	9.4	6.09	5.08	2.66
9.90	144.5	119.3	94.7	57.6	31.9	19.4	14.6	9.4	6.06	5.05	2.65
10.2	141.6	116.9	92.7	56.4	31.2	19.3	14.5	9.3	6.04	5.03	2.64
10.5	133.4	113.2	89.8	54.6	30.2	19.1	14.4	9.2	6.02	5.02	2.63
10.8	122.2	109.8	88.1	53.6	29.6	18.9	14.2	9.1	6.00	5.00	2.63

### Constant Power Discharge Characteristics (Watt, 25 ℃)

F.V/TIME	5min	10min	15min	30min	60min	2h	3h	5h	8h	10h	20h
9.60	1609	1343	1072	659	371	226	173	112	73.1	60.6	32.0
9.90	1561	1303	1039	646	363	225	172	111	72.7	60.3	31.8
10.2	1529	1276	1018	633	356	223	171	110	72.4	60.1	31.7
10.5	1440	1236	986	613	345	221	169	109	72.2	59.9	31.6
10.8	1320	1199	967	601	338	218	167	108	72.0	59.7	31.5

### Note:

The above data are only taken as reference instead of inspection standard. Additional notification won't be available for parameter change due to improvement and regulation of product. Inspection shall be performed in accordance with standards.

We must make a statement, when the battery service life and safe operating performance is confirmed, the test condition will be stricter; accordingly, the battery shall not be used in these conditions, because it's difficult for battery to reach expected service life.