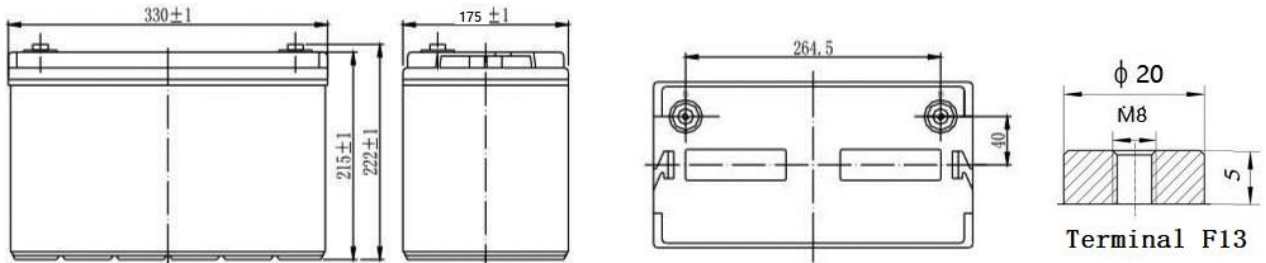


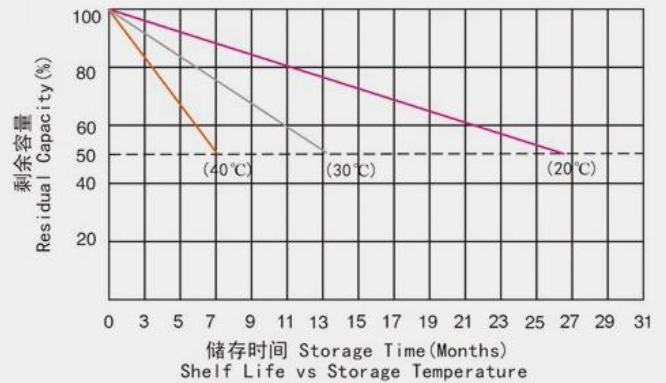
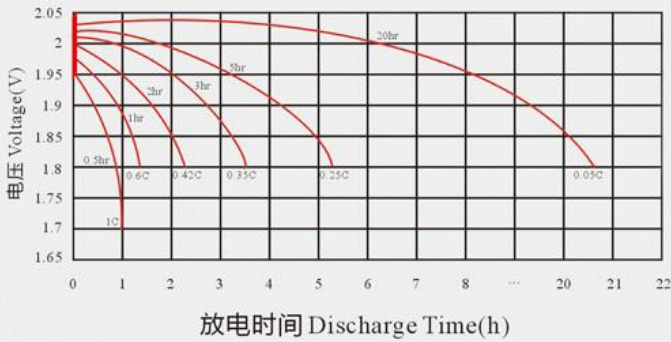
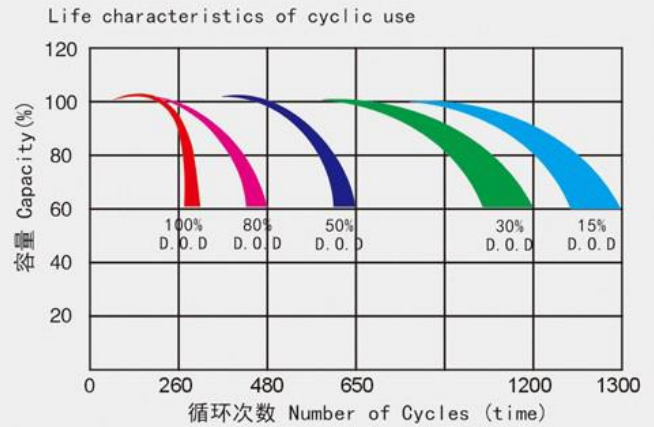
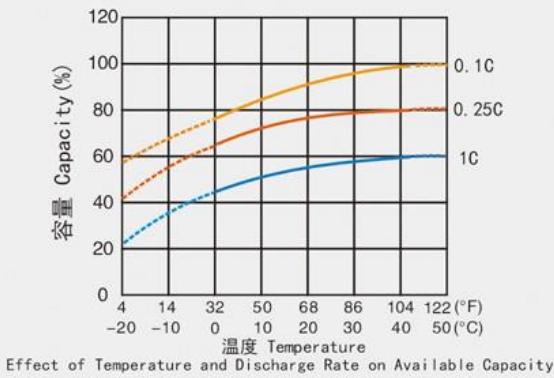
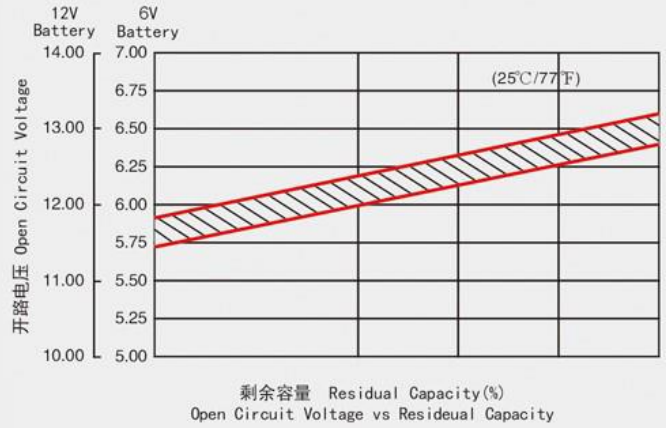
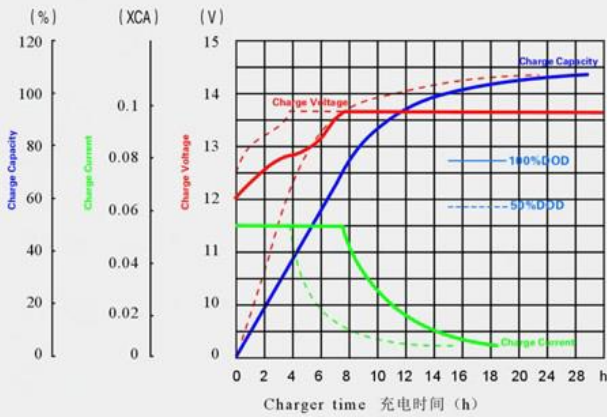
Dimension:L330\*W175\*H215 (TH222)mm



## Specification

Battery Model	6-GFM-100(12V100AH)		
Nominal Voltage	12V	Rated Capacity	100Ah (20hour rate) to 10.80V/cell @25°C(77°F)
Typical Weight	27.5kg	Internal Resistance	Approx 7.5mΩ
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	10.0A(Recommendation) 20.0A(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	M8Female Large Size Copper Post		
Terminal Hardware Torque	M5	6---7 ± 1.0Nm	
	M6	8---10 ± 1.0Nm	
	M8	10---15 ± 1.0Nm	
Container Material	ABS (VO optional)		

## Performance Curve



## Discharge Data

### Constant Current Discharge Characteristics (A, 25 °C)

F.V/TIME	5min	10min	15min	30min	60min	2h	3h	5h	8h	10h	20h
9.60	298	246	193	118	65.0	39.1	29.4	18.9	12.2	10.2	5.33
9.90	289	239	189	115	63.7	38.9	29.3	18.8	12.1	10.1	5.30
10.2	283	234	185	113	62.4	38.5	29.0	18.6	12.1	10.1	5.28
10.5	267	226	180	109	60.5	38.1	28.7	18.4	12.0	10.0	5.27
10.8	244	220	176	107	59.3	37.7	28.4	18.2	12.0	10.0	5.25

### Constant Power Discharge Characteristics (Watt, 25 °C)

F.V/TIME	5min	10min	15min	30min	60min	2h	3h	5h	8h	10h	20h
9.60	3218	2686	2145	1318	741	453	346	223	146	121	63.9
9.90	3122	2606	2079	1292	726	450	344	222	145	121	63.6
10.2	3057	2552	2036	1266	711	446	341	220	145	120	63.4
10.5	2880	2471	1973	1226	689	441	338	218	144	120	63.2
10.8	2639	2399	1935	1202	676	437	334	215	144	119	63.0

### 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.