



## General Description

*Excellent charging acceptance and super fast charge/large discharge performance.  
Comply with IEC, IEEE, UL, EN, CE standards, etc.*



## Features

- 1.Design life: 15 years @25°C*
- 2.Cycle life: 60%DOD≥4000 @25°C*
- 3.Adopt super carbon technology + deep cycle technology*
- 4.Outstanding PSOC cycle performance*
- 5.Excellent charging acceptance and super fast charge/large discharge performance.*
- 6.Modular design and installation for less space, easy installation & maintenance*
- 7.Integrating Gel and agm technology, there is no liquid electrolyte.*
- 8.Innovative robust design to ensure superb safety and reliability*
- 9.Comply with IEC, IEEE, UL, EN, CE standards, etc.*
- 10.Horizontal installation, solve the problem of electrolyte stratification and save spac*



**Terminal**



## Application

1. New energy generation (solar, wind, PV/wind hybrid) access to energy storage systems
2. Peak load shifting energy storage system
3. Load tracking energy storage system
4. Smart grid, micro-grid system
5. Mobile container storage system
6. Oil and electricity hybrid energy storage system
7. Grid frequency adjustment energy storage system
8. New energy communication base station, Core computer room, IDC ,UPS
9. Other energy Storage System



## Specification

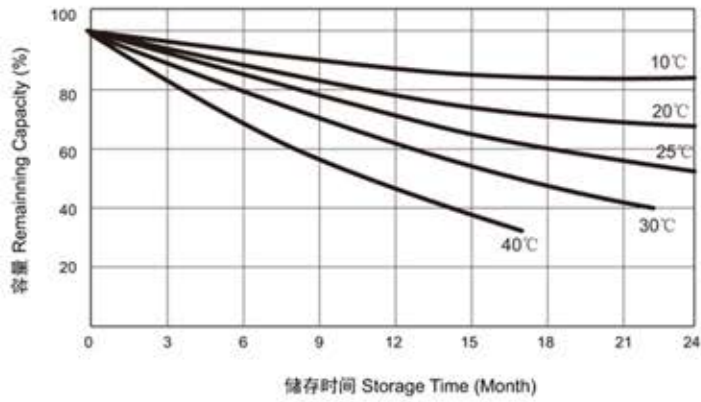
Model	Ralted Voltage V	10Hr 1.80V/Cell	Length		Width		Height		TH		Weight		Terminal
			mm	in	mm	in	mm	in	mm	in	kg	ibs	
LRCF12-140	12	140	550	21.7	125	4.92	315	12.4	315	12.4	55.0	121.3	T6-A(M8)
LRCF12-170	12	170	560	22.0	126	4.96	320	12.6	320	12.6	62.0	136.7	T11(M8)
LRC12-80	12	80	330	13.0	173	6.81	212	8.35	218	8.6	33.0	72.8	T11(M8)
LRC12-100	12	100	408	16.1	177	6.97	225	8.86	225	8.9	39.0	86.0	T11(M8)
LRC12-150	12	150	530	20.9	207	8.15	214	8.43	220	8.7	59.0	130.1	T11(M8)
LRC12-200	12	200	522	20.6	268	10.6	220	8.66	226	8.9	75.6	166.7	T11(M8)
LRC2-300	2	300	158	6.22	181	7.13	350	13.8	365	14.4	24.8	54.7	T11(M8)
LRC2-400	2	400	191	7.52	181	7.13	350	13.8	365	14.4	31.8	70.1	T11(M8)
LRC2-500	2	500	225	8.86	181	7.13	350	13.8	365	14.4	38.8	85.5	T11(M8)
LRC2-600	2	600	303	11.9	181	7.13	350	13.8	365	14.4	48.8	107.6	T11(M8)
LRC2-800	2	800	370	14.6	181	7.13	350	13.8	365	14.4	61.8	136.2	T11(M8)
LRC2-1000	2	1000	440	17.3	181	7.13	350	13.8	365	14.4	75.8	167.1	T11(M8)



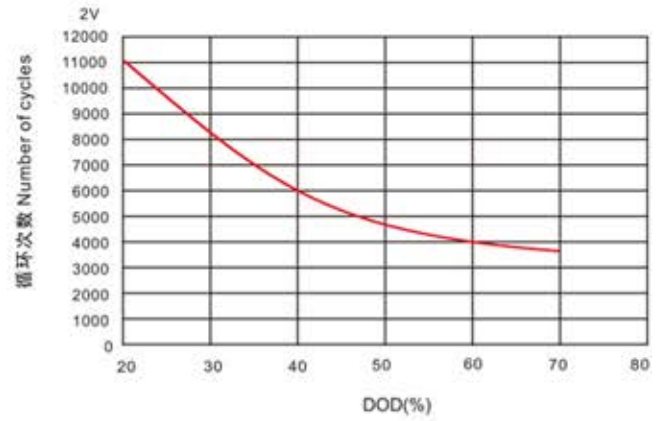


## Curves

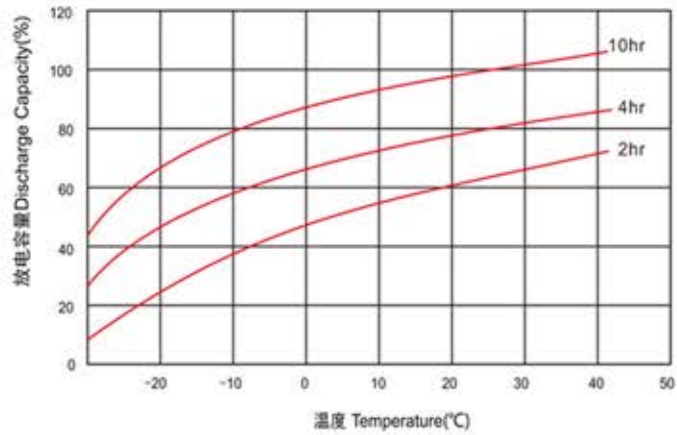
自放电曲线 Self Discharge Characteristics



放电深度与循环寿命关系图 Cycle Life in Relation to DOD



温度对容量影响 Temperature effects in relation to battery capacity



不同放电倍率下的放电性能 Discharge Characteristics

