

# SUPERIOR DEEP CYCLE AGM BATTERY

LDC12-55 (12V55Ah)

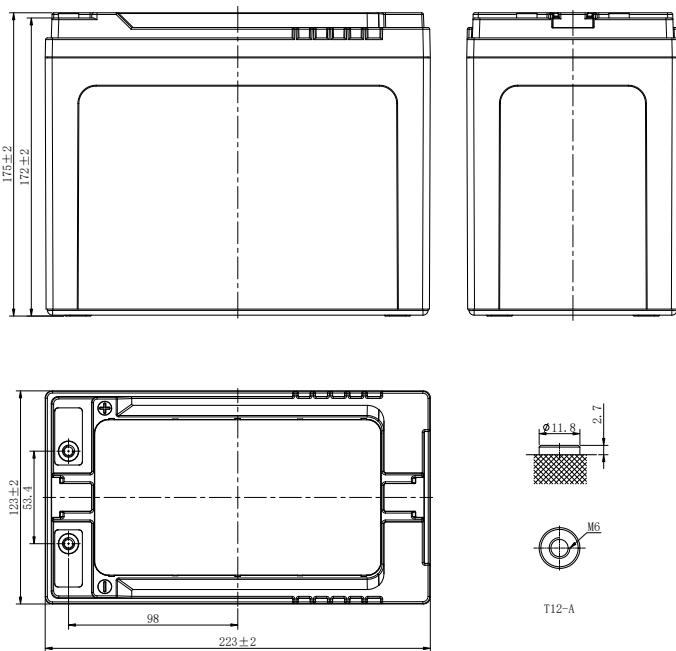


## CHARACTERISTICS

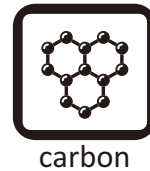
Item	Specifications	
Voltage	12V	
Dimension	Length	223mm (8.78inches)
	Width	123mm (4.84inches)
	Container Height	175mm (6.89inches)
	Total Height	175mm (6.89inches)
Approx Weight	13.4kg (29.5lbs)	
Terminal	T12-A(M6)	
Container Material	ABS	
Capacity	20HR	55Ah
	10HR	50Ah
	5HR	48Ah
Operating Temp. Range	Discharge	-20~55°C (-4~131°F)
	Charge	0~40°C (32~104°F)
	Storage	-15~40°C (5~104°F)

## APPLICATIONS

- Electric vehicle
- Golf cart
- Sightseeing
- Cleaning equipment
- AWP
- Mobility



Note: Terminal Torque Values in-lb(Nm):34.39-47.75(3.9-5.4)



# SUPERIOR DEEP CYCLE AGM BATTERY

## LDC12-55 (12V55Ah)



### GENERAL FEATURES

#### Stable initial capacity

- PAM/NAM amount optimization
- 4BS crystal paste mixing & curing technology
- Double layer separator technology
- Improved design electrolyte S.G.

#### Less water loss

- PAM/NAM amount optimization
- New PAM/NAM recipe introduced
- Rare earth alloy

#### Solve NAM sulphation

- Carbon boost technology
- Pre-sulfate technology

#### Improved PSoC cycling

- Carbon boost technology
- Mix carbon boost technology
- Targeting for higher level through carbon technology

#### Delay PAM softening and shedding

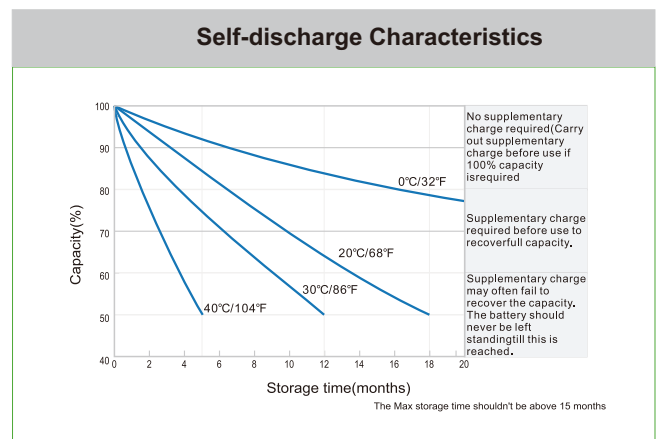
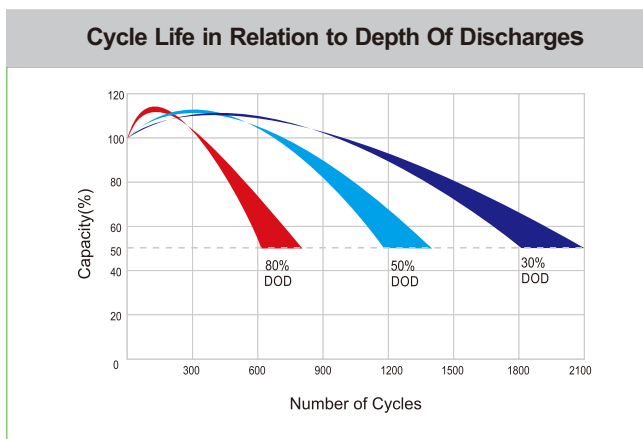
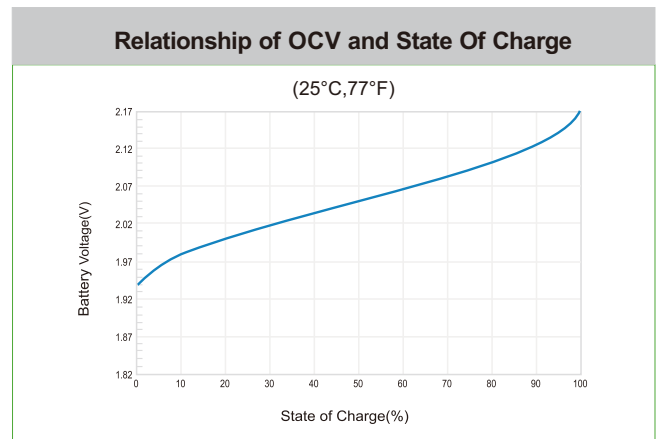
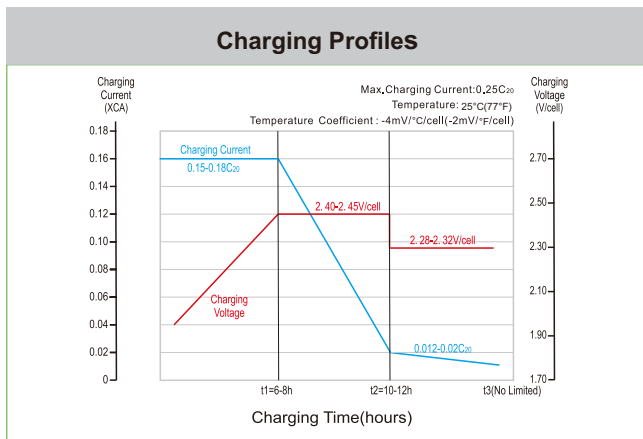
- Plate assembly pressure re-engineering
- 4BS crystal paste mixing & curing technology
- Higher paste density

#### Optimize electrolyte stratification

- Introduce AGM-GEL technology

#### Excellent deep cycle performance

- Plate assembly pressure re-engineering
- New PAM/NAM recipe introduced
- Gel electrolyte technology
- Rare earth alloy
- Double layer separator technology
- Lower acid filling temperature



Leoch International Technology Ltd.  
[www.leoch.com](http://www.leoch.com)

Leoch Batteries Pte Ltd  
[www.leoch.sg](http://www.leoch.sg)

Leoch Battery Corporation  
[www.leochamericas.com](http://www.leochamericas.com)

Leoch Europe S.A.  
[www.leoch.eu](http://www.leoch.eu)