

# INCOMPARABLE DEEP CYCLE AGM BATTERY

LDC12-55 (12V55Ah)

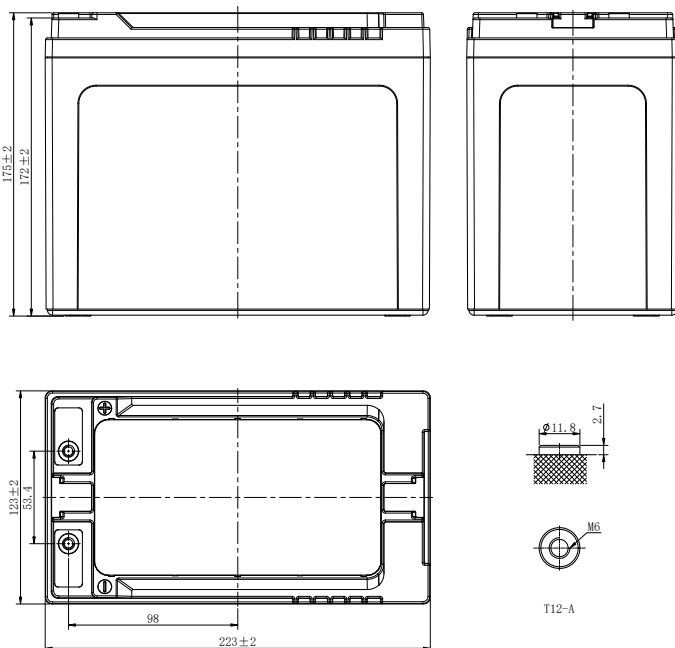


## CHARACTERISTICS

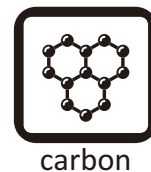
Item		Specifications
Voltage		12V
Dimension	Length	223mm (8.78inches)
	Width	123mm (4.84inches)
	Container Height	175mm (6.89inches)
	Total Height	175mm (6.89inches)
Approx Weight		13.4kg (29.5lbs)
Terminal		T12-A(M6)
Container Material		ABS
Capacity	20HR	55Ah
	5HR	48Ah
Operating Temp. Range	Discharge	-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):34.52-47.79(3.9-5.4)



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## 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

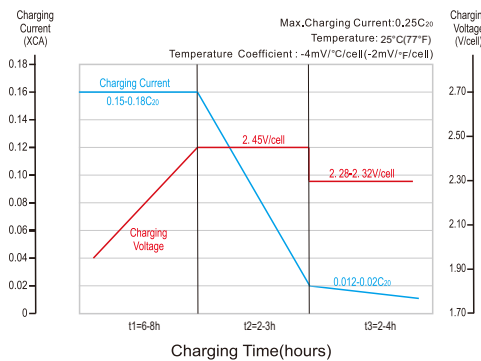
#### Optimize electrolyte stratification

- Introduce AGM-GEL technology

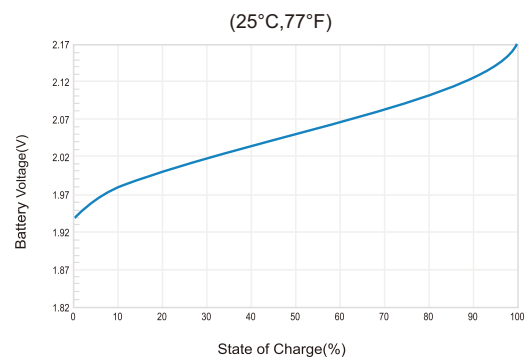
#### Excellent deep cycle performance

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

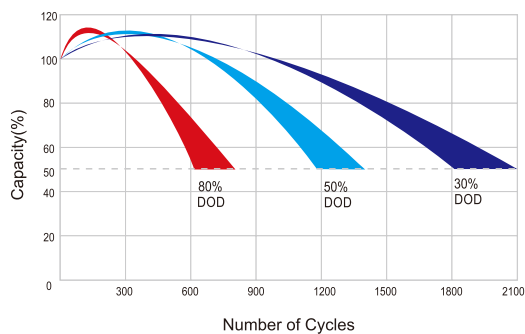
#### Charging Profiles



#### Relationship of OCV and State Of Charge



#### Cycle Life in Relation to Depth Of Discharges



#### Self-discharge Characteristics

