

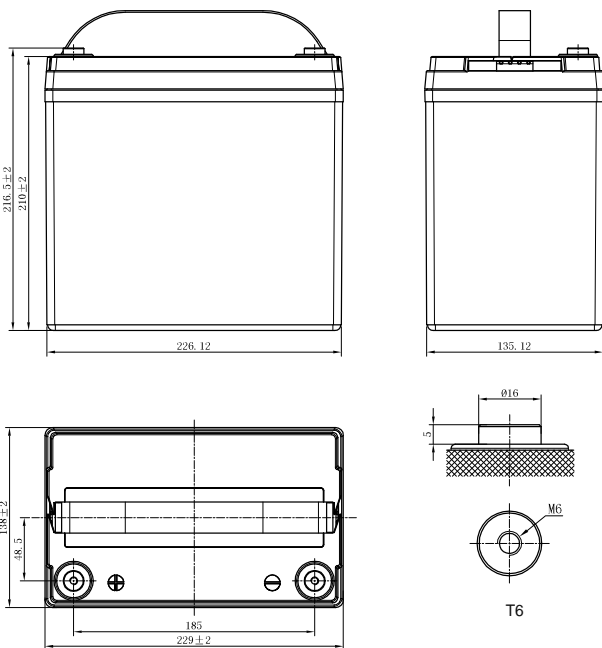
# INCOMPARABLE DEEP CYCLE AGM BATTERY

LDC12-68 (12V68Ah)



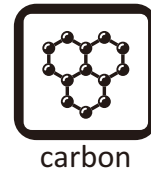
## CHARACTERISTICS

Item	Specifications
Voltage	12V
Dimension	Length 229mm (9.02inches)
	Width 138mm (5.43inches)
	Container Height 210mm (8.27inches)
	Total Height 216.5mm (8.52inches)
Approx Weight	17.5kg (38.6lbs)
Terminal	T6(M6)
Container Material	ABS
Capacity	20HR 68Ah
	5HR 57Ah
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)



# INCOMPARABLE DEEP CYCLE AGM BATTERY

## LDC12-68 (12V68Ah)



### GENERAL FEATURES

#### Stable initial capacity

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

#### Improved PSoC cycling

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

#### Less water loss

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

#### Delay PAM softening and shedding

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

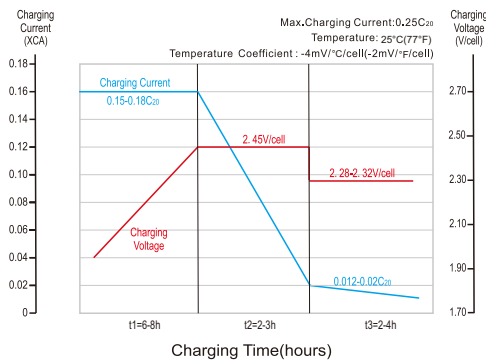
#### Solve NAM sulphation

- Carbon boost technology
- Pre-sulfate technology

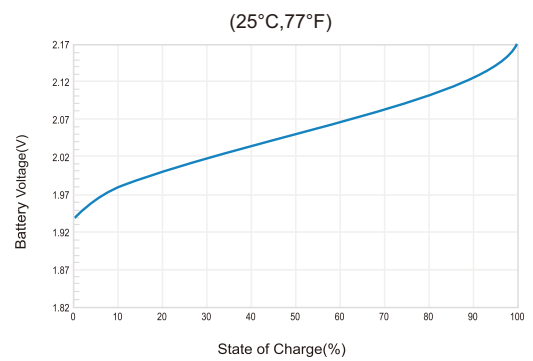
#### Optimize electrolyte stratification

- Introduce AGM-GEL technology

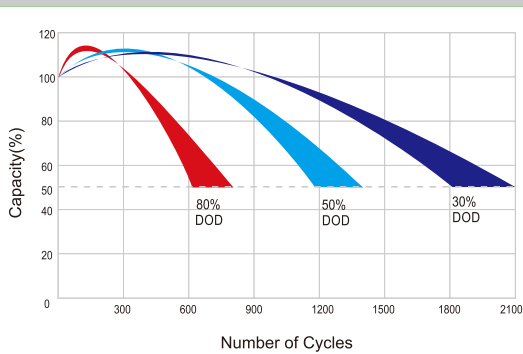
#### Charging Profiles



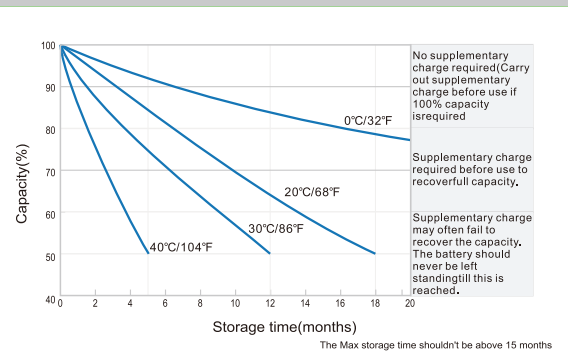
#### Relationship of OCV and State Of Charge



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



#### Self-discharge Characteristics



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Leoch Battery Corporation  
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www.leoch.eu