

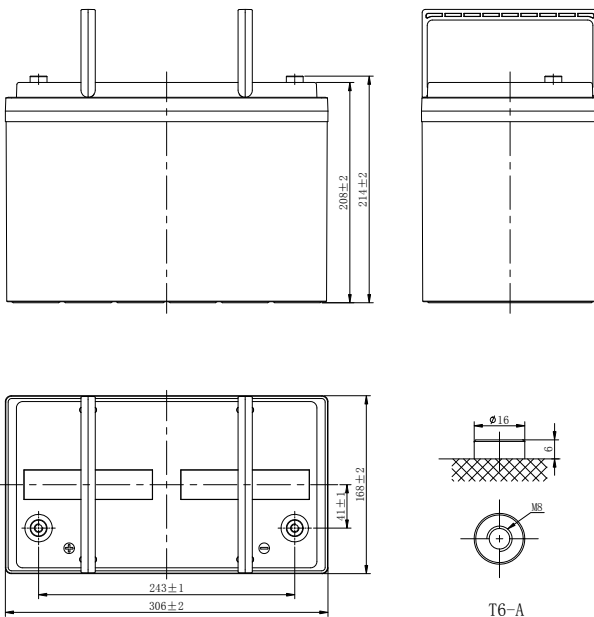
## INCOMPARABLE DEEP CYCLE AGM BATTERY

LDC12-105 (12V105Ah)



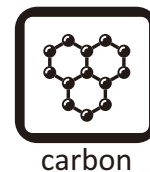
### CHARACTERISTICS

Item	Specifications	
Voltage	12V	
Dimension	Length	306mm (12.0inches)
	Width	168mm (6.61inches)
	Container Height	208mm (8.19inches)
	Total Height	214mm (8.43inches)
Approx Weight	27.3kg (60.2lbs)	
Terminal	T6-A(M8)	
Container Material	ABS	
Reserve Capacity	25A	220min
	75A	44min
Capacity	20HR	105Ah
	5HR	88Ah
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):176-203(20-23)



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## 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

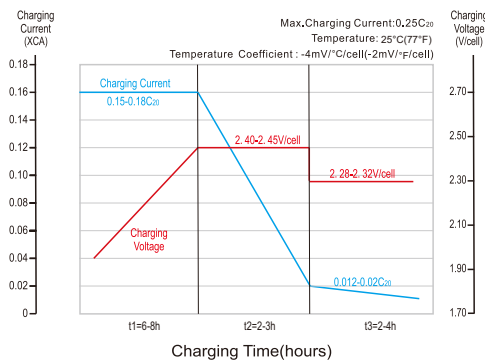
### Optimize electrolyte stratification

- Introduce AGM-GEL technology

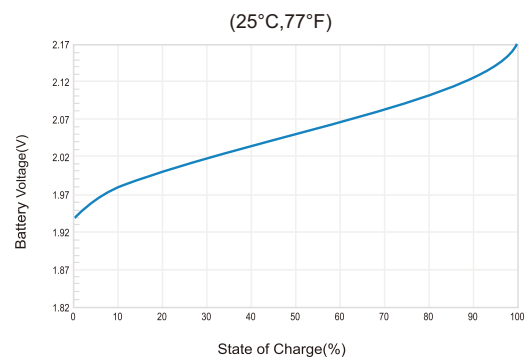
### Excellent deep cycle performance

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

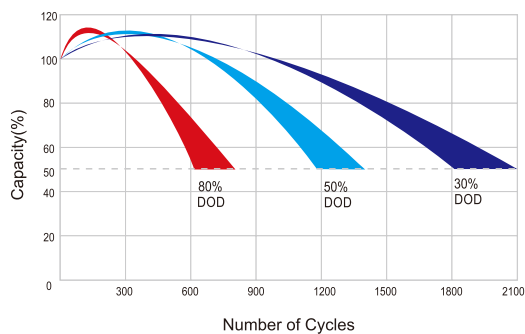
### Charging Profiles



### Relationship of OCV and State Of Charge



### Cycle Life in Relation to Depth Of Discharges



### Self-discharge Characteristics

