

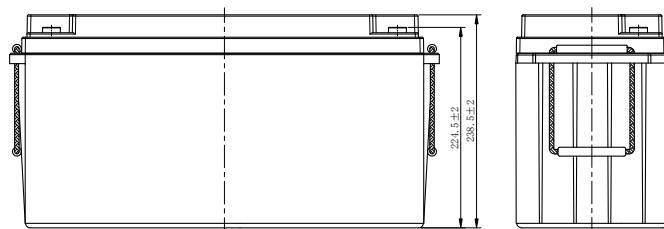
# INCOMPARABLE DEEP CYCLE AGM BATTERY

LDC12-180 (12V180Ah)



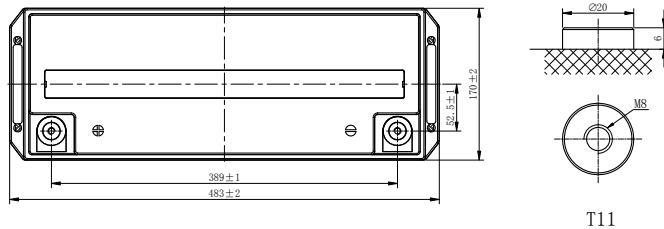
## CHARACTERISTICS

| Item                  | Specifications    |                      |
|-----------------------|-------------------|----------------------|
| Voltage               | 12V               |                      |
| Dimension             | Length            | 483mm (19.0inches)   |
|                       | Width             | 170mm (6.69inches)   |
|                       | Container Height  | 238.5mm (9.39inches) |
|                       | Total Height      | 238.5mm (9.39inches) |
| Approx Weight         | 50.1kg (110.5lbs) |                      |
| Terminal              | T11(M8)           |                      |
| Container Material    | ABS               |                      |
| Reserve Capacity      | 25A               | 395min               |
|                       | 56A               | 155min               |
| Capacity              | 20HR              | 180Ah                |
|                       | 5HR               | 162Ah                |
| 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):97.35-130.0(11.0-14.7)



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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

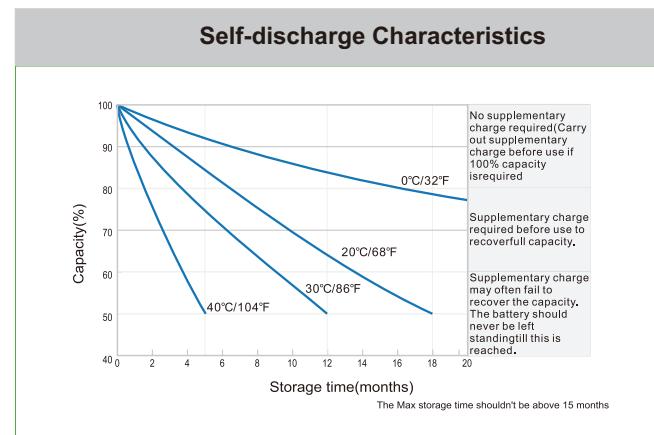
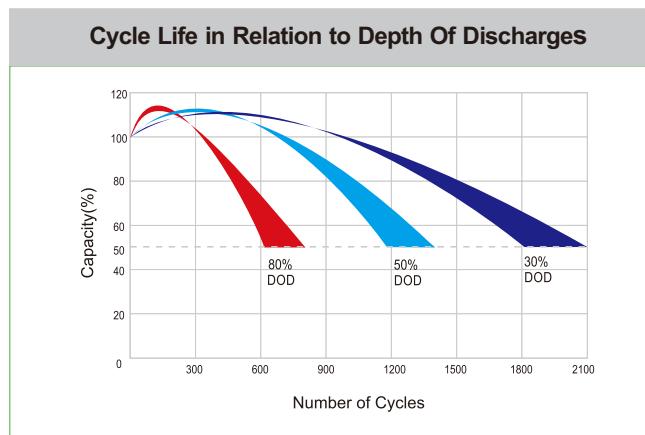
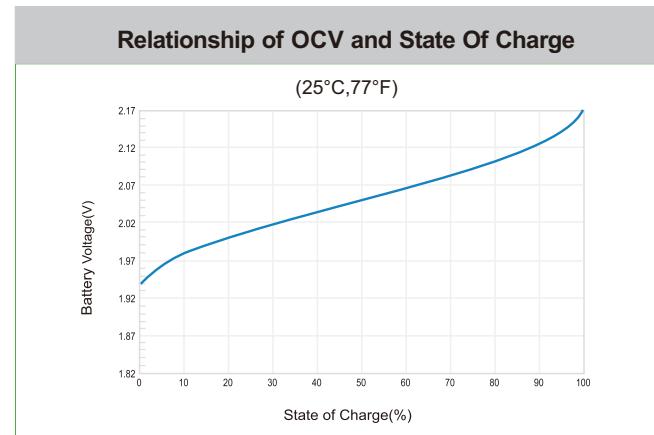
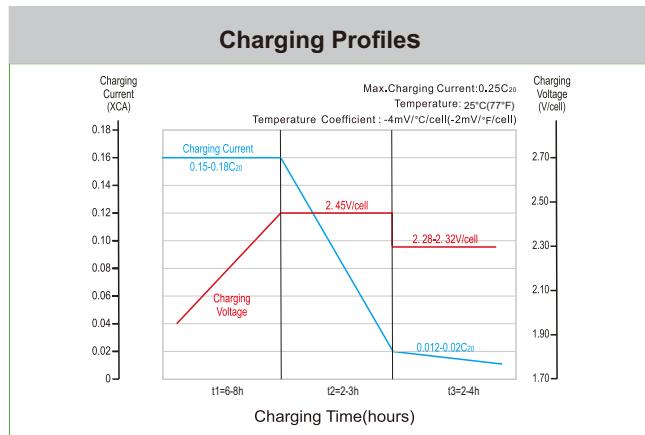
- Plate assembly pressure re-engineering
- 4BS crystal paste mixing & curing technology
- Higher paste density

### 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



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)