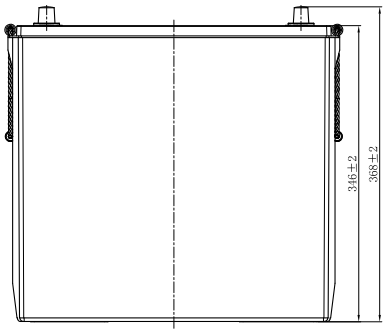
# SUPERIOR DEEP CYCLE AGM BATTERY

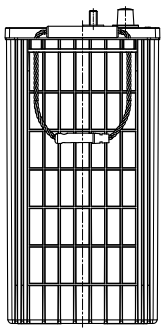
LDC12-245 (12V245Ah)

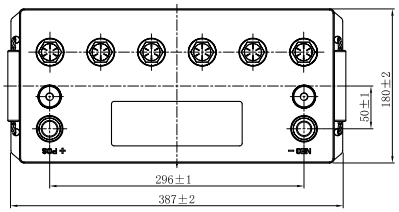
LEOCH BATTERY

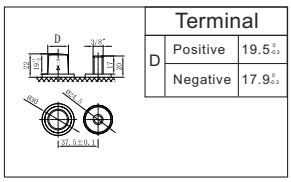
## CHARACTERISTICS

| Item | | Specifications |
|---|---|---|
| Voltage | | 12V |
| Dimension | Length | 387mm (15.2inches) |
| | Width | 180mm (7.09inches) |
| | Container Height | 346mm (13.6inches) |
| | Total Height | 368mm (14.5inches) |
| Approx Weight | | 64.33kg (141.8lbs) |
| Terminal | | DT(3/8") |
| Container Material | | PP |
| Reserve Capacity | 25A | 535min |
| | 75A | 145min |
| Capacity | 20HR | 245Ah |
| | 10HR | 233Ah |
| | 5HR | 210Ah |
| 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

carbon

AGM-GEL technology

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.

### 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

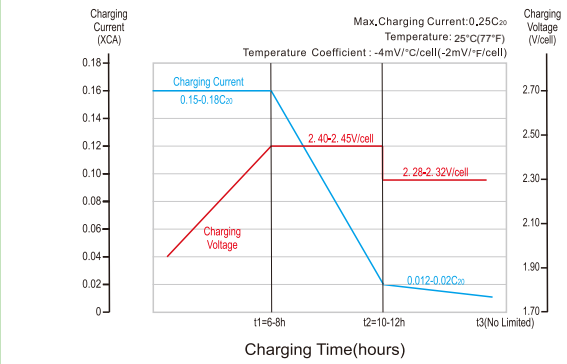
### Solve NAM sulphation

- Carbon boost technology
- Pre-sulfate technology

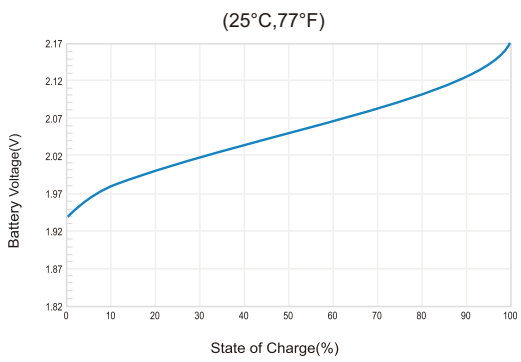
### Optimize electrolyte stratification

- Introduce AGM-GEL technology

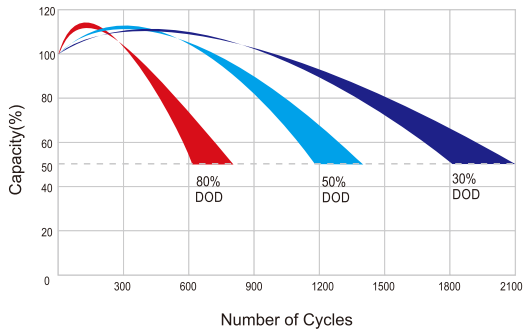
### Charging Profiles



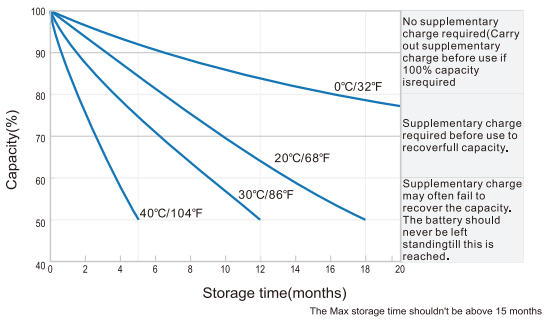

### Relationship of OCV and State Of Charge




### Cycle Life in Relation to Depth Of Discharges




### Self-discharge Characteristics





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