



# DEEP CYCLE AGM TECHNOLOGY

## LDC12-115-G31-DT BCI GROUP 31

### FEATURES & BENEFITS

- True deep cycle AGM technology-GREEN SOLUTION
- Over 99.99% virgin lead for grid plate and active material
- Heavy duty grid/paste design for deep cycle application
- Maintenance free, non-spillable, valve-regulated
- Double separator configuration: long cycle life & High energy density and super anti-vibration design
- Low self-discharge for longer shelf life



### ELECTRICAL SPECIFICATIONS

| Voltage(V) | Capacity (AH) |      |      |     |     | Reserve Capacity (Min) |      |      |
|------------|---------------|------|------|-----|-----|------------------------|------|------|
|            | 100HR         | 20HR | 10HR | 5HR | 3HR | @25A                   | @56A | @75A |
| 12         | 130           | 118  | 113  | 107 | 98  | 239                    | 95   | 65   |

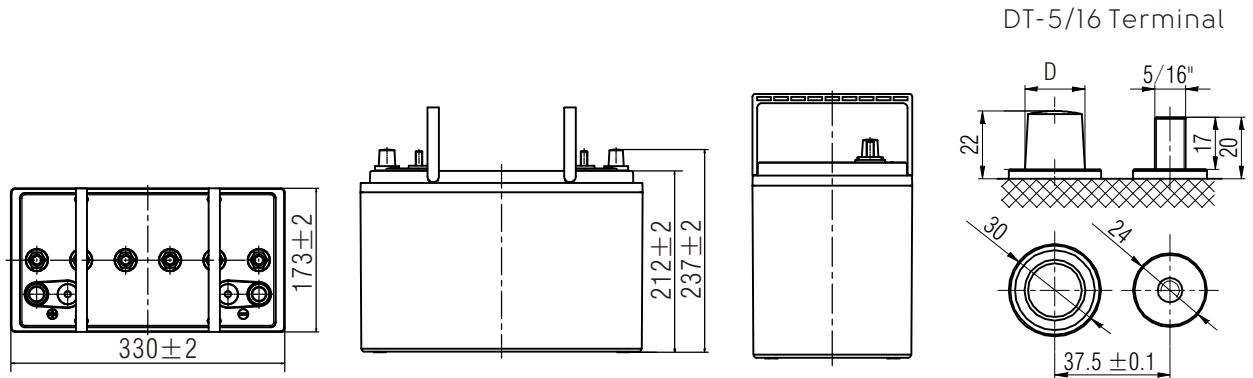
### PHYSICAL SPECIFICATIONS

| Model            | Dimensions (mm/inches) |            |            |              | Weight (kg/lbs) | Terminal Type (Standard) | Case Material |
|------------------|------------------------|------------|------------|--------------|-----------------|--------------------------|---------------|
|                  | Length                 | Width      | Height     | Total Height |                 |                          |               |
| LDC12-115-G31-DT | 330 (12.99)            | 173 (6.81) | 212 (8.35) | 237 (9.33)   | 31.7 (69.9)     | DT-5/16                  | ABS           |

| Operating Temperature Range |                           |                            |
|-----------------------------|---------------------------|----------------------------|
| Discharge                   | Charge                    | Storage                    |
| -15°C ~ 50°C (5°F ~ 122°F)  | 0°C ~ 40°C (32°F ~ 104°F) | -15°C ~ 40°C (5°F ~ 104°F) |

# LDC12-115-G31-DT

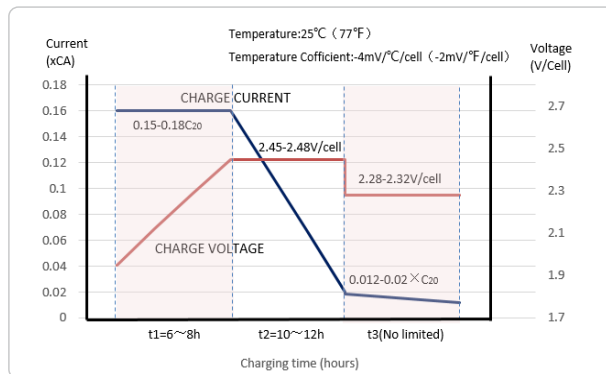
## DIMENSIONS



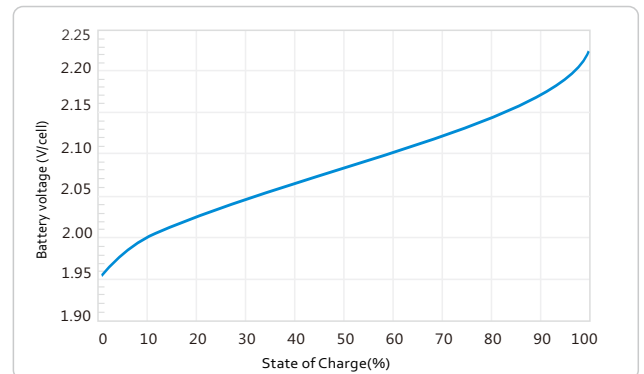
Note: D:Positive  $19.5_{-0.3}^0$ , D:Negative  $17.9_{-0.3}^0$ ; Terminal Torque Values in-lb(Nm) :176-203(20-23)

## PERFORMANCE CHARACTERISTICS

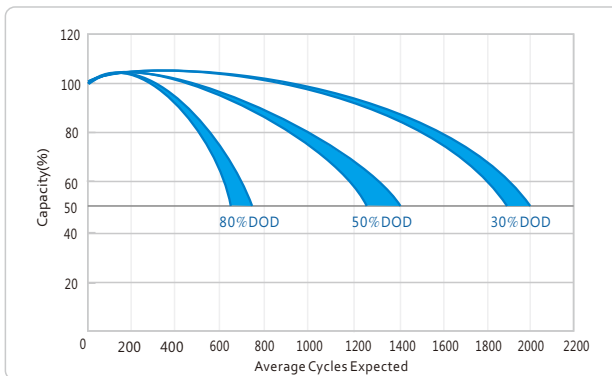
### LEOCH LDC AGM Charging Profile



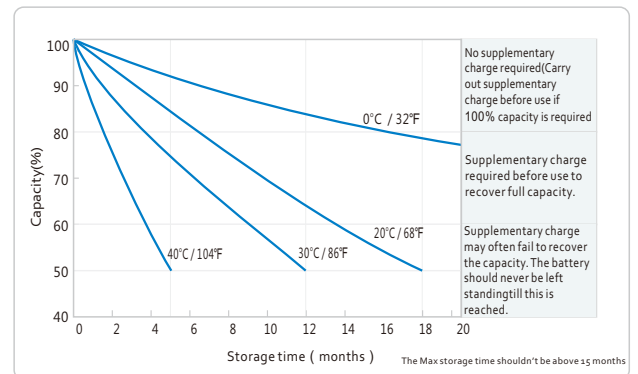
### Relationship of OCV and State Of Charge (25°C, 77°F)



### Cycle life in relation to Depth Of Discharge



### Self-discharge Characteristic



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