



DEEP CYCLE AGM TECHNOLOGY

LDC12-180

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 | 194 | 180 | 174 | 162 | 150 | 395 | 155 | 108 |

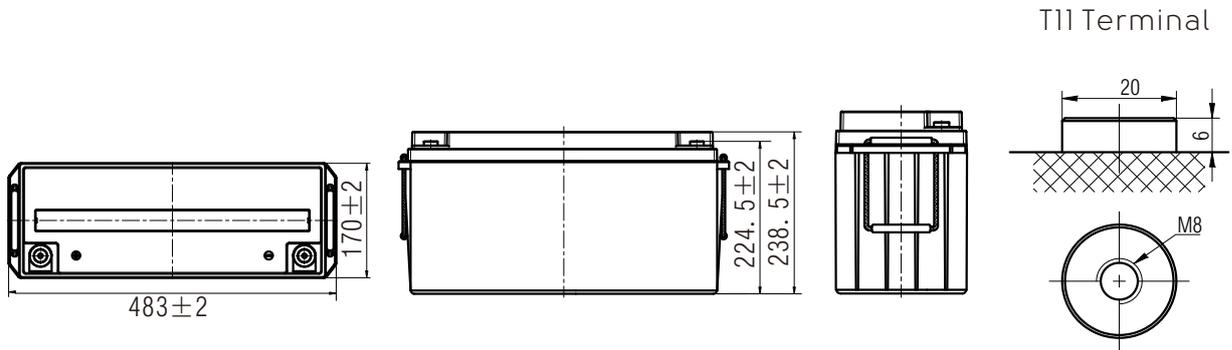
PHYSICAL SPECIFICATIONS

| Model | Dimensions (mm/inches) | | | | Weight (kg/lbs) | Terminal Type (Standard) | Case Material |
|-----------|------------------------|------------|--------------|--------------|-----------------|--------------------------|---------------|
| | Length | Width | Height | Total Height | | | |
| LDC12-180 | 483 (19.02) | 170 (6.69) | 238.5 (9.39) | 238.5 (9.39) | 50.1 (110.5) | T11 | 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) |

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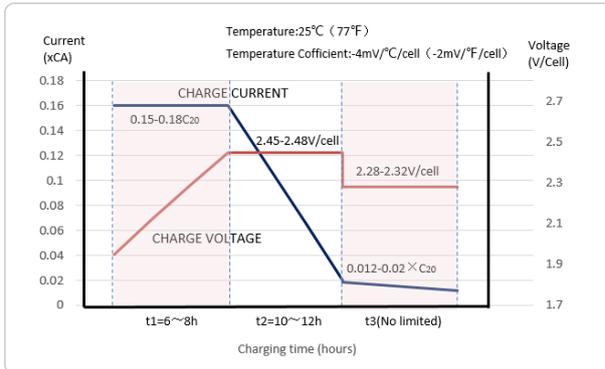
DIMENSIONS



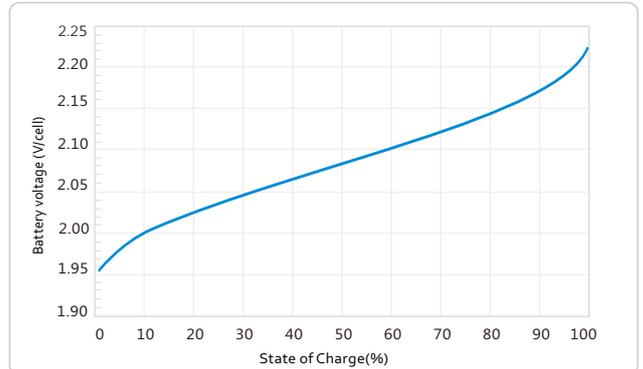
Note: Terminal Torque Values in-lb(Nm) : 97.28-130.0(11-14.7)

PERFORMANCE CHARACTERISTICS

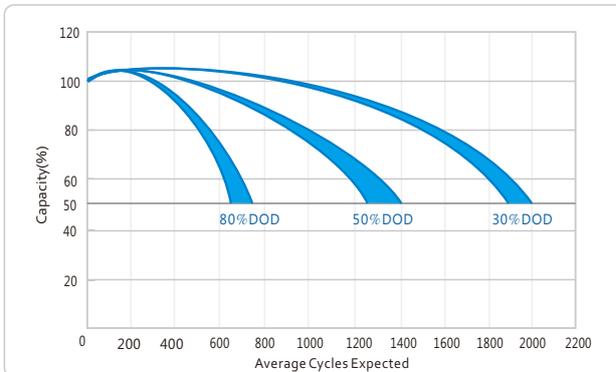
LEOCH LDC AGM Charging Profile



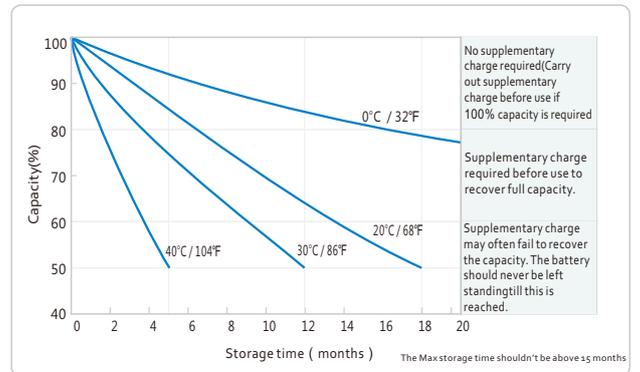
Relationship of OCV and State Of Charge (25°C, 77°F)



Cycle life in relation to Depth Of Discharge



Self-discharge Characteristic



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