



DEEP CYCLE AGM TECHNOLOGY

LDC12-145

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 | 160 | 148 | 141 | 122 | 118 | 308 | 115 | 88 |

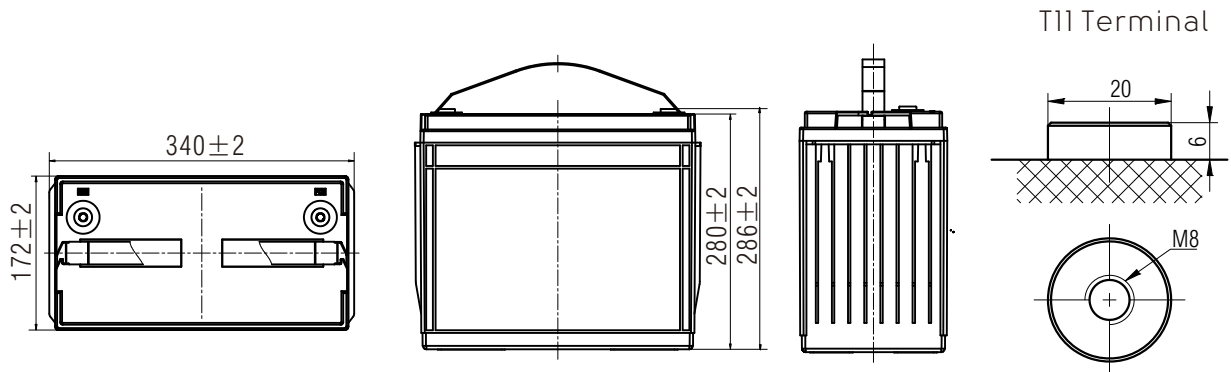
PHYSICAL SPECIFICATIONS

| Model | Dimensions (mm/inches) | | | | Weight (kg/lbs) | Terminal Type (Standard) | Case Material |
|-----------|------------------------|------------|-------------|--------------|-----------------|--------------------------|---------------|
| | Length | Width | Height | Total Height | | | |
| LDC12-145 | 340 (13.39) | 172 (6.77) | 280 (11.02) | 286 (11.26) | 42.5 (93.7) | 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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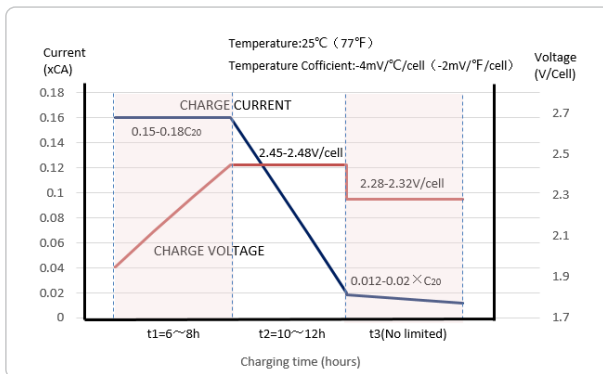
DIMENSIONS



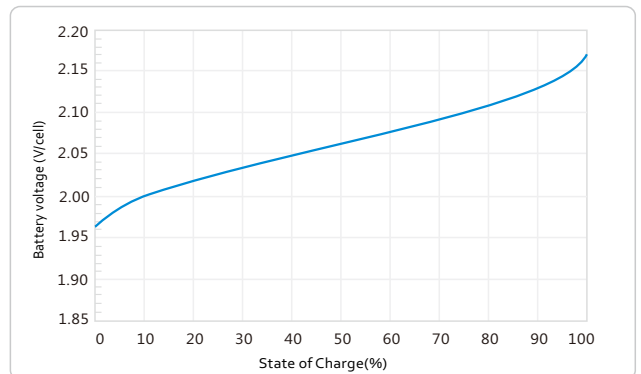
Note: Terminal Torque Values in-lb(Nm) :130.0-173.3(14.7-19.6)

PERFORMANCE CHARACTERISTICS

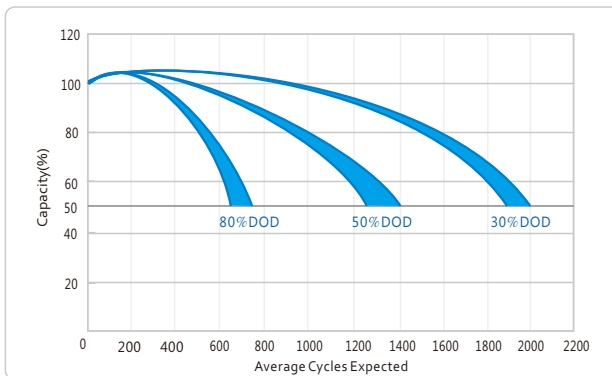
LEOCH LDC AGM Charging Profile



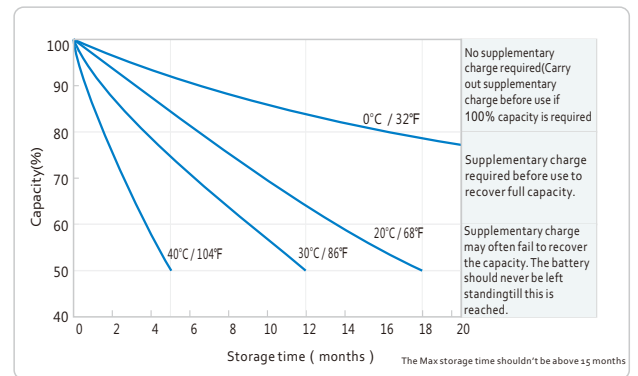
Relationship of OCV and State Of Charge (25°C, 77°F)



Cycle life in relation to Depth Of Discharge



Self-discharge Characteristic



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