



DEEP CYCLE AGM TECHNOLOGY

LDC12-105-G27-DT BCIGROUP 27

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 | 115 | 108 | 104 | 96 | 90 | 220 | 80 | 55 |

PHYSICAL SPECIFICATIONS

| Model | Dimensions (mm/inches) | | | | Weight (kg/lbs) | Terminal Type (Standard) | Case Material |
|------------------|------------------------|------------|------------|--------------|-----------------|--------------------------|---------------|
| | Length | Width | Height | Total Height | | | |
| LDC12-105-G27-DT | 306 (12.05) | 168 (6.61) | 208 (8.19) | 233 (9.17) | 27.9 (61.5) | 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) |



TS16949

ISO14001

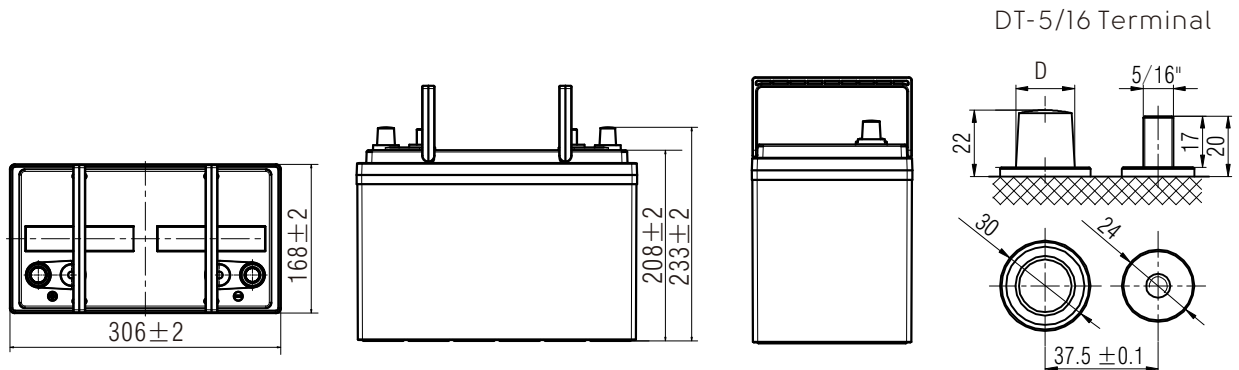
ISO9001

OHSAS18001

DEEP CYCLE AGM BATTERY

LDC12-105-G27-DT

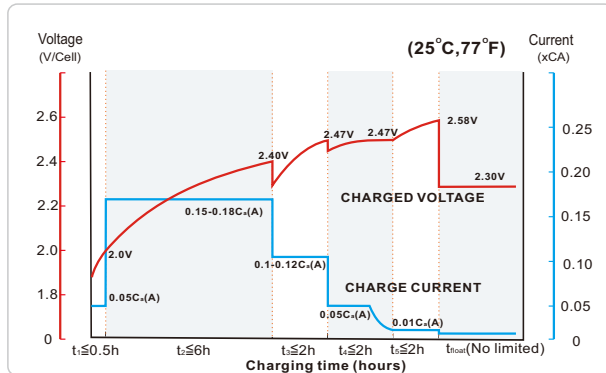
DIMENSIONS



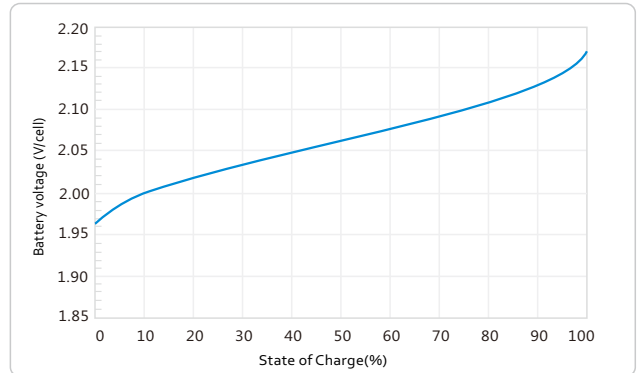
Note: D:Positive $19.5_{-0.3}^0$, D:Negative $17.9_{-0.3}^0$; Terminal Torque Values in-lb(Nm) :176-203(20-23)

PERFORMANCE CHARACTERISTICS

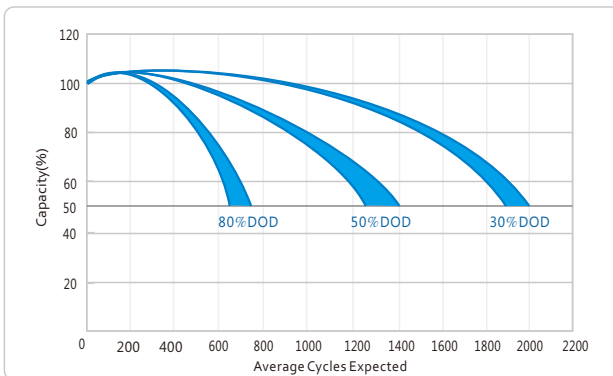
LEOCH LDC AGM Charging Profile



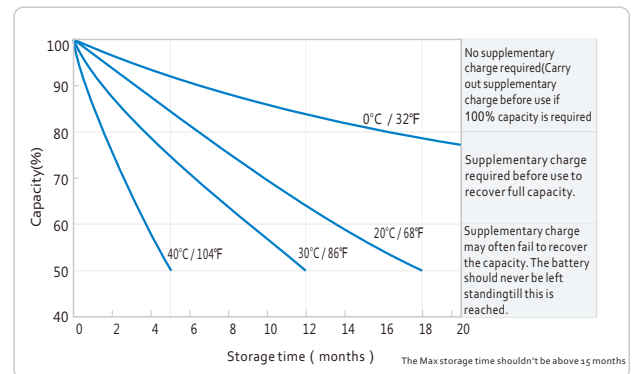
Relationship of OCV and State Of Charge (25°C, 77°F)



Cycle life in relation to Depth Of Discharge



Self-discharge Characteristic



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