



# DEEP CYCLE



## LDC12-90-G24-DT

### FEATURES&BENEFITS

- True deep cycle AGM-GEL technology-GREEN SOLUTION
- Over 99.99% virgin lead for grid plate
- Carbon active material
- Electrolyte + Gel for longer cycle life
- 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          | 93           | 90   | 85   | 77  | 72  | 175                   | 65  | 43  |

### PHYSICAL SPECIFICATIONS

| Dimensions(mm/inches) |          |          |              | Weight (kg/lbs) | Terminal Type (Standard) | Case Material |
|-----------------------|----------|----------|--------------|-----------------|--------------------------|---------------|
| Length                | Width    | Height   | Total Height |                 |                          |               |
| 260/10.24             | 168/6.61 | 208/8.19 | 232.5/9.15   | 23.8/52.5       | DT(5/16")                | ABS           |

| Operating Temperature Range |                     |                       |
|-----------------------------|---------------------|-----------------------|
| Discharge                   | Charge              | Storage               |
| -20°C~55°C(-4°F~131°F)      | 0C~40°C(32°F-104°F) | -15°C~40°C(5°F~104°F) |



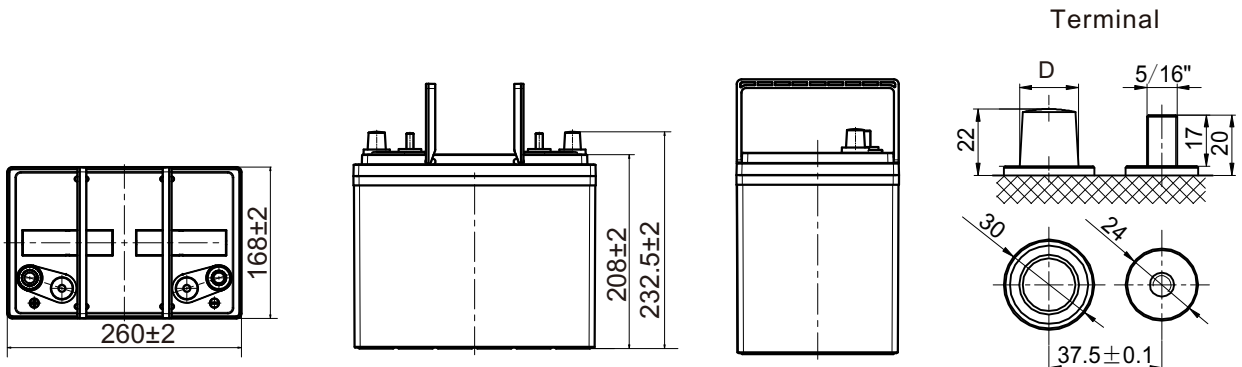
IATF16949

ISO14001

ISO9001

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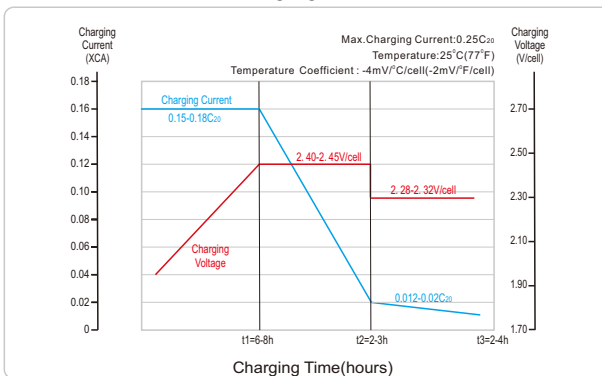
## DIMENSIONS



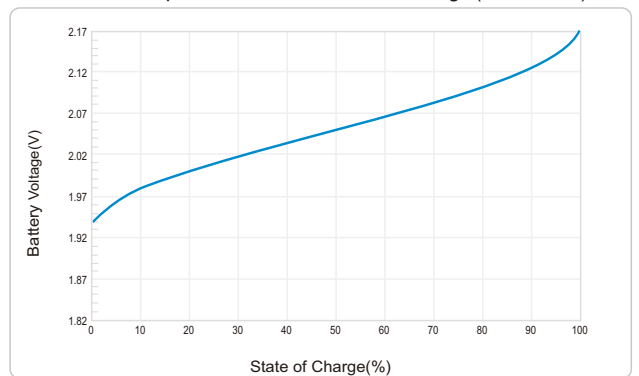
Note: D: Positive  $19.5_{-0.3}^0$ , D: Negative  $17.9_{-0.3}^0$ ; Terminal Torque Values in-lb(Nm): 176-203(20-23)

## PERFORMANCE CHARACTERISTICS

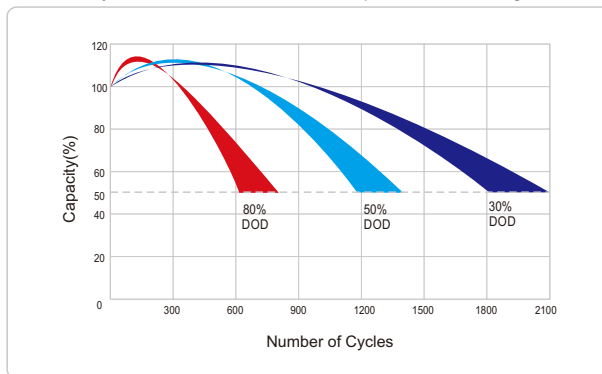
Charging Profile



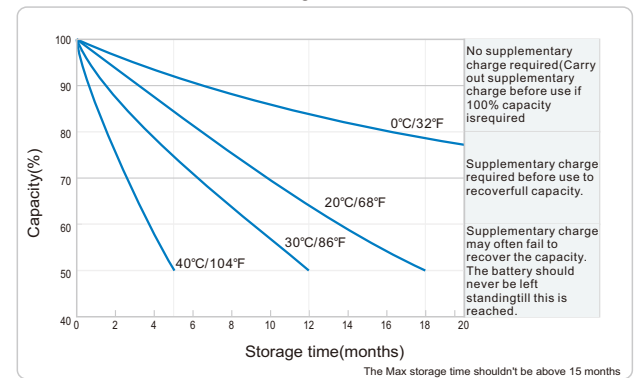
Relationship of OCV and State Of Charge (25°C, 77°F)



Cycle Life in Relation to Depth Of Discharge



Self-discharge Characteristic



distributed by: Power Storage Deutschland GmbH

+49 (0)6081 96582-0

info@psd-power.de

www.psd-power.de



DEEP CYCLE AGM-GEL BATTERY