


**Specifications:**

|                                             |                                                        |
|---------------------------------------------|--------------------------------------------------------|
| <b>Cells Per Unit</b>                       | 3                                                      |
| <b>Voltage Per Unit</b>                     | 6V                                                     |
| <b>Nominal Capacity</b>                     | 268.0Ah @20hour-rate to 1.75V per cell @25°C           |
| <b>Weight</b>                               | Approx. 32.9Kg ±2% (72.5lbs)                           |
| <b>Terminal</b>                             | R8.9                                                   |
| <b>Recommended Maximum Charging Current</b> | 53.6A                                                  |
| <b>Cycle Use Voltage</b>                    | 7.35V @ 25°C<br>Temperature Compensation: -4mV/°C/Cell |

|                                           |                                                                  |
|-------------------------------------------|------------------------------------------------------------------|
| <b>Operating Temperature Range</b>        | Discharge: -20°C~55°C<br>Charge: 0°C~40°C<br>Storage: -15°C~40°C |
| <b>Normal Operating Temperature Range</b> | 25°C±5°C                                                         |

|                       |                                                                                                                                                                                                                           |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Self Discharge</b> | LIVEN Valve Regulated Lead Acid (VRLA) batteries can be stored for up to 6 months at 25°C and then recharging is recommended. Monthly Self-discharge ratio is less than 3% at 25°C. Please charge batteries before using. |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                           |     |
|---------------------------|-----|
| <b>Container Material</b> | ABS |
|---------------------------|-----|

**LIVEN LVDC Series**

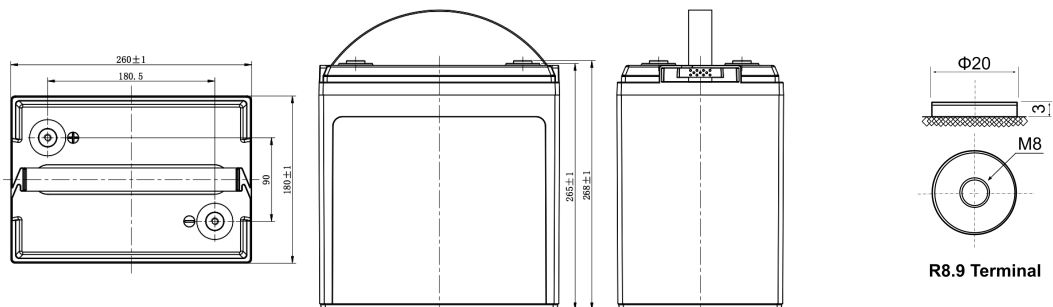
LVDC series are manufacturing with Lead Carbon active material to perform in partial state of charge (PSoC) applications and double separator configuration. LVDC series are AGM-GEL technology Valve Regulated Lead Acid (VRLA) suitable for Deep Cycle applications. Electrolyte + GEL for longer cycle life. Maintenance-Free Sealed Lead Acid Battery.

**Applications:**

- Wheelchairs
- Golf trolleys
- Electric sweepers
- Floor machines
- Electric vehicles
- Lawn mowers
- Portable power
- Railway and Marine systems
- Medical equipments
- Renewable energies

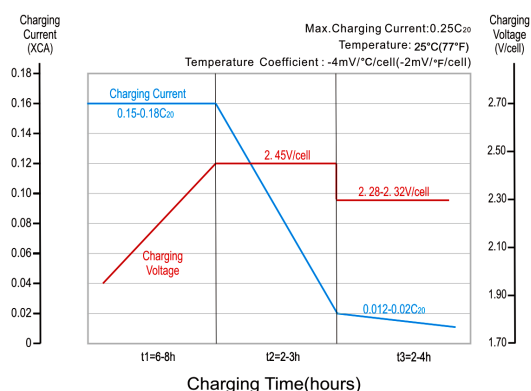
**Dimensions:**

|              |                     |
|--------------|---------------------|
| Length       | 260±1.5mm (10.24in) |
| Width        | 180±1.5mm (7.09in)  |
| Height       | 263±1.5mm (10.35in) |
| Total Height | 268±1.5mm (10.55in) |

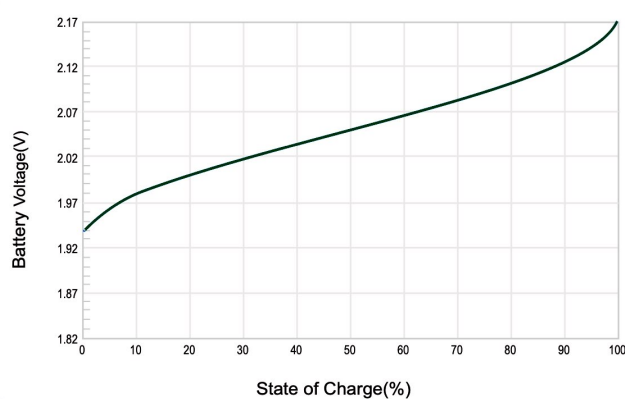
**Technical Drawings:**

**Constant Current Discharge (CC, Unit: A) at 25°C (77°F)**

| Voltage (V) | Capacity (Ah) |     | Reserve Capacity (Min) |     |
|-------------|---------------|-----|------------------------|-----|
|             | 20h           | 5h  | 25A                    | 75A |
| 6           | 268           | 220 | 550                    | 165 |

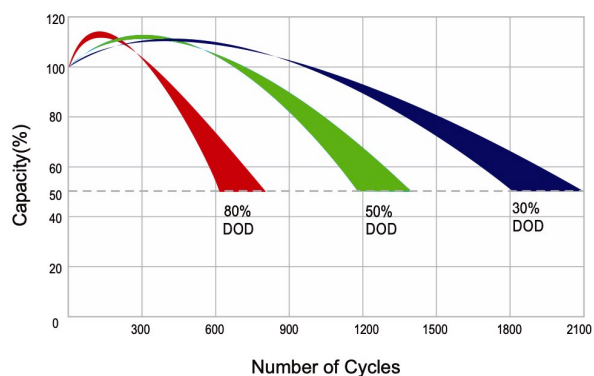
### Charging Profile



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



### Cycle Life in Relation to Depth Of Discharge



### Self-discharge Characteristic

