

LT series MOTIVE POWER DEEP CYCLE



LIVEN LT series - MOTIVE POWER DEEP CYCLE Battery

- Higher capacity and higher energy density and longer service life.
- Excellent deep cycle property
- Private alloy and paste recipe for deep cycle application.
- Refilling plugs with special construction guarantee less water consumption.
- SiO₂-PVC separator in nano grade
- Advanced TTP welding and heat sealing technology.
- Terminals with high conductivity are very good at high current discharging.
- Containers and lids are impact resistant and made of polypropylene (PP).
- Wider operation temperature, safe and reliable.

Applications

- Golf Cart
- Electrical Car
- Electric Sightseeing Car
- Marine
- Renewable Energy
- Electrical Sweeper
- Mini-truck
- Transportation without Driver



Specification

| | | |
|-------------------------|--------------------------------------|--------|
| Nominal Voltage | 6V | |
| Nominal Capacity (20HR) | 260Ah | |
| Nominal Capacity (5HR) | 215Ah | |
| Length | 260 ±2mm (10.24inches) | |
| Width | 180 ±2mm (7.09inches) | |
| Container Height | 248 ±2mm (9.76inches) | |
| Total Height | 279.5 ±2mm (11.00inches) | |
| Dry Weight | Approx 22.0Kg (48.5lbs) | |
| Wet Weight | Approx 29.0Kg (63.9lbs) | |
| Acid | 1.280 ±0.015g/cm ³ (25°C) | |
| Standard Terminal | LPT | |
| Container Material | PP | |
| Rated Capacity | 20 hour rate (13.0A) | 260Ah |
| | 5 hour rate (43.0A) | 215Ah |
| Reserve Capacity | 25Amps | 530min |
| | 75Amps | 145min |

Charge Method

Initial Charge:

- 1) 0.1C₂₀ (A) charging 15h
- 2) 0.05C₂₀ (A) charging 10h

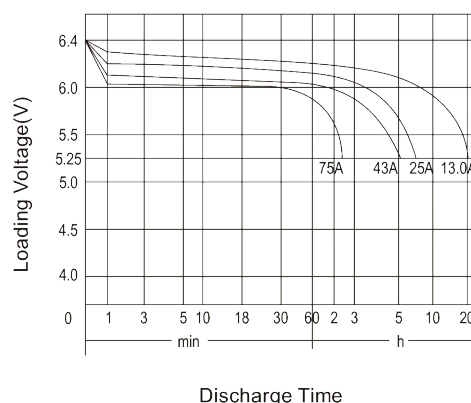
The temperature of the battery should be below 50°C during charging.

Supplement Charge:

- a) Charging at a constant voltage of 7.35~7.5V/cell and a limited current 0.25C₂₀ (A) until the electrolyte density up to 1.280g/cm³ (30°C) and the current not change for 3 hours.
- b) Charge with constant current 0.1C₂₀ (A) until the voltage between 7.8~8.4V/cell, and voltage maintains for 3 hours and not change.

Two method optional

Discharge Characteristics (25°C, 77°F)



Dimensions

