

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)	225Ah	
Nominal Capacity (5HR)	185Ah	
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 20.0Kg (44.1lbs)	
Wet Weight	Approx 27.0Kg (59.5lbs)	
Acid	1.280 ±0.015g/cm ³ (25°C)	
Standard Terminal	LPT	
Container Material	PP	
Rated Capacity	20 hour rate (11.3A)	225Ah
	5 hour rate (37.0A)	185Ah
Reserve Capacity	25Amps	445min
	75Amps	115min

Charge Method

Initial Charge:

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

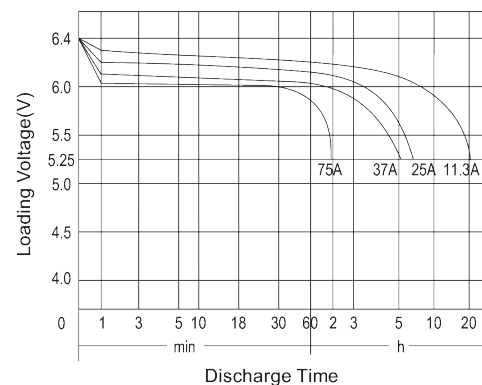
The temperature of the battery should be below 50°C during charging.

Supplement Charge:

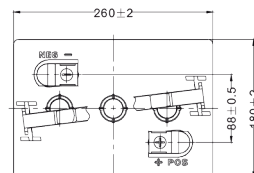
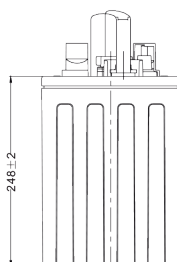
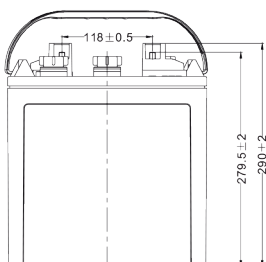
- a) Charging at a constant voltage of 7.35~7.5V/cell and a limited current 0.25C₂₀ (A) until the electrolyte density up to 1.280g/cm³ (30°C) and the current not change for 3 hours.
- b) Charge with constant current 0.1C₂₀ (A) until the voltage between 7.8~8.4V/cell, and voltage maintains for 3 hours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

Two method optional

Discharge Characteristics (25°C, 77°F)



Dimensions



Terminal	
D	Positive 19.5 _{±0.2}
	Negative 17.9 _{±0.2}