LIVEN BATTERY

12V 150AH LT1275

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	12V	
Nominal Capacity (20HR)	150Ah	
Nominal Capacity (5HR)	120Ah	
Length	328 ±2mm (12.92inches)	
Width	180 ±2mm (7.09inches)	
Container Height	248 ±2mm (9.76inches)	
Total Height	279.5 ±2mm (11.00inches)	
Dry Weight	Approx 26.0Kg (57.3lbs)	
Wet Weight	Approx 35.0Kg (77.2lbs)	
Acid	1.280 ±0.015g/cm³ (25°C)	
Standard Terminal	LPT	
Container Material	PP	
Rated Capacity	20 hour rate (7.5A)	150Ah
	5 hour rate (24A)	120Ah
Reserve Capacity	25Amps	280min
	56Amps	102min

Charge Method

Initial Charge:

1) 0.1C_{20} (A) charging 15h

2) 0.05C_{20} (A) charging 10h

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

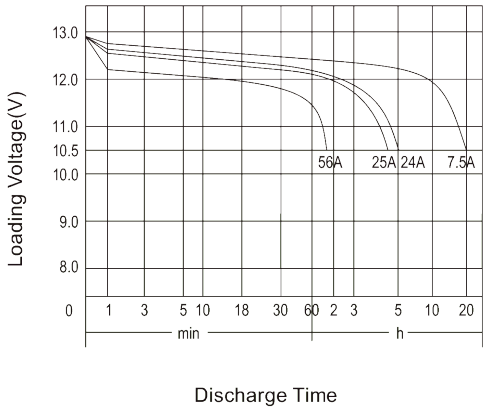
Supplement Charge:

a) Charging at a constant voltage of 14.7~15V/cell and a limited current 0.25C_{20} (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 0.1C_{20} (A) until the voltage between 15.6~16.8V/cell, and voltage maintains for 3 hours and not change.

Two method optional

Discharge Characteristics (25°C, 77°F)



Dimensions