

6-DM-75(12V75Ah/3hr)



Electric Vehicle battery Series

LOGAN Electric Vehicle batteries are designed with AGM (Absorbent Glass Mat) technology, high performance plates and electrolyte to gain extra power output for common Motive power system applications widely used in the field of scooter, electric bike, electric vehicles.

Application

- Scooters
- Golf Carts
- Hybrid electric vehicle
- Electric bus
- Sightseeing bus

General Features

- Large capacity and high specific energy
- Long service life
- Superior low-temperature performance
- Long Battery consistency
- High quality and high reliability.
- Exceptional deep discharge recovery performance.
- Low self discharge characteristic.
- Flexibility design for multiple install positions.

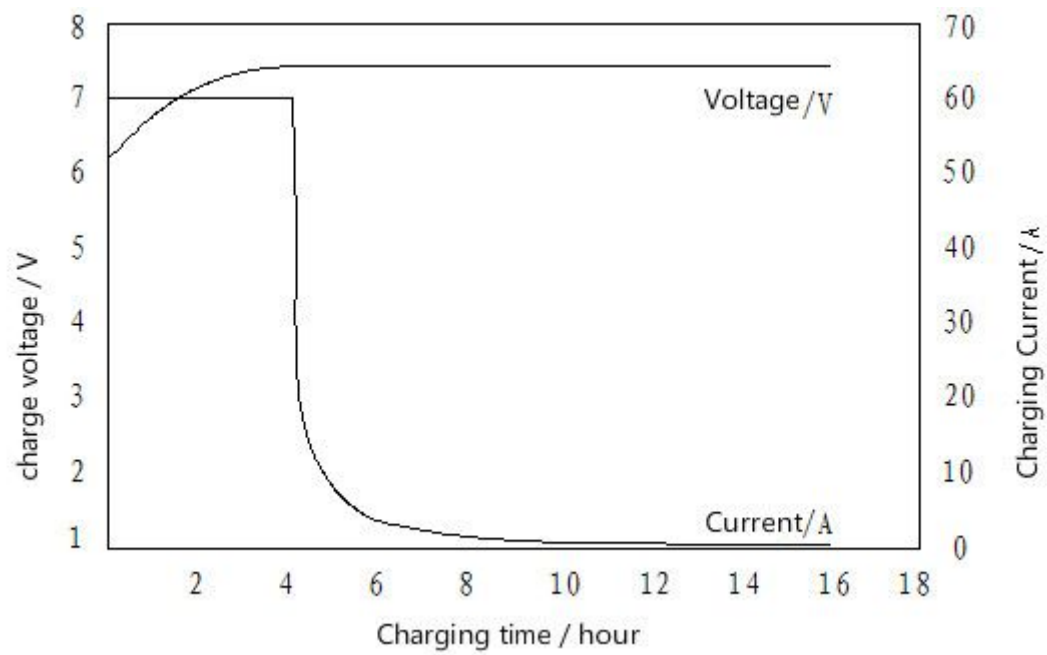
CONSTRUCTION

Component	Positive plate	Negative plate	Container	Cover	Safety valve	Terminal	Separator	Electrolyte
Raw material	Lead dioxide	Lead	ABS	ABS	Rubber	Copper	Fiberglass	Sulfuric acid

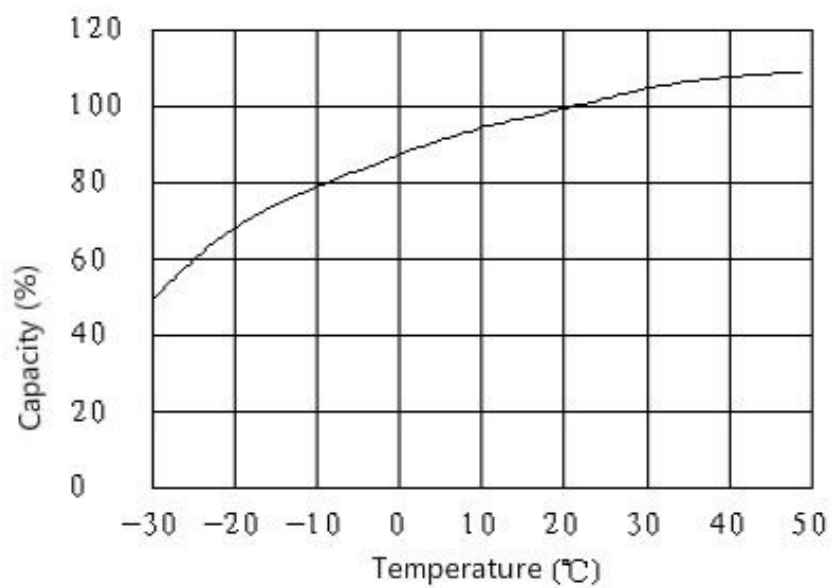
TECHNOLOGY PARAMETER

Battery model	6-DM-75			
Designed Floating Life	4~5 Years			
Capacity (25℃)	20hR(6A, 10.5V)	10hR(10A, 10.5V)	5hR(17A, 10.5V)	3hR(25A, 9.60V)
	120Ah	100Ah	85Ah	75Ah
Dimensions	Length	Width	Height	Total Height
	260±1mm	168±1mm	210±1mm	212±1mm
Approx. weight (±5%)	26Kg			
Internal resistance	Full charged at 25℃: Approx. 5.5~6.5mΩ			
Self discharge	3% of capacity declined per month at 25℃ (average)			
Capacity Affected by Temp.(20HR)	40℃	25℃	0℃	-15℃
	102%	100%	85%	65%
Charge Voltage (25℃)	Cycle use		Float use	
	14.5-14.9V(-30mV/℃), max. Current: 15A		13.6-13.8V(-20mV/℃)	

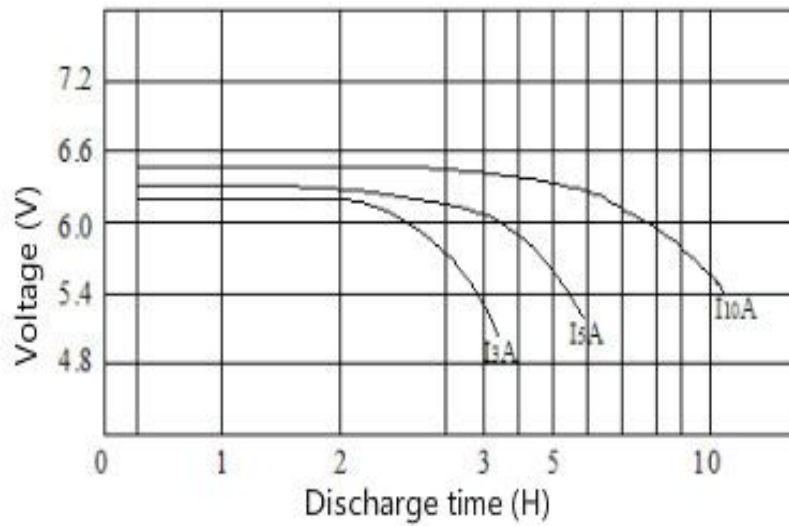
Charge



The relation curve chart between temperature and capacity:



Discharge



The cycle life curve chart in different discharge depth

