

# LB2-6 6 volt 2.0Ah Sealed Lead Acid Battery

## Type

Rated Voltage	6V	
Rated Capacity	2.0Ah/20HR	
Dimension	Length	43.0±1mm(1.69in)
	Width	37.5±1mm(1.48in)
	Height	76.0±1mm(2.99in)
	Total Height	76.0±1mm(2.99in)
Weight	0.35kg(0.77Pounds)	
Container Material	ABS.Ul94-0 Resist acid, resist oil, resist vibration	Index of oxygen L.O.I>28%
Type of electrolyte	AGM Non-spillable	



## Performance

Capacity 25°C(77°F)	20HR of 0.100A to 5.25V	2.00AH
	5HR of 0.324A to 5.25V	1.62AH
	1HR of 1.200A to 5.25V	1.20AH
	0.5HR of 2.104A to 5.25V	1.05AH
Internal Resistance	Full Charge 25°C(77°F)	Approx.40mΩ
The capacity will be effected by temperature	40°C(104°F)	105% (20HR to 2.10AH)
	25°C(77°F)	100% (20HR to 2.00AH)
	0°C(32°F)	85% (20HR to 1.70AH)
	-20°C(-4°F)	60% (20HR to 1.20AH)
Self-discharge 25°C(77°F)	1 months, 97% left	6 months, 85% left
	3 months, 91% left	12 months, 64% left
Max Charge Current	0.50A (0.25CA)	
Max Discharge Current	20.0A (10CA)	
Max Short Duration Discharge Current	30.0A (20CA)	

Float Charging	Voltage	6.83±0.07V 25°C(77°F)
	Current	0.6A (0.3CA)
Operation Temperature Range	Charge:-10~40°C(14~104°F) · Discharge:-20~50°C(-4~122°F)	
Expected Life	25°C(77°F)5years	

