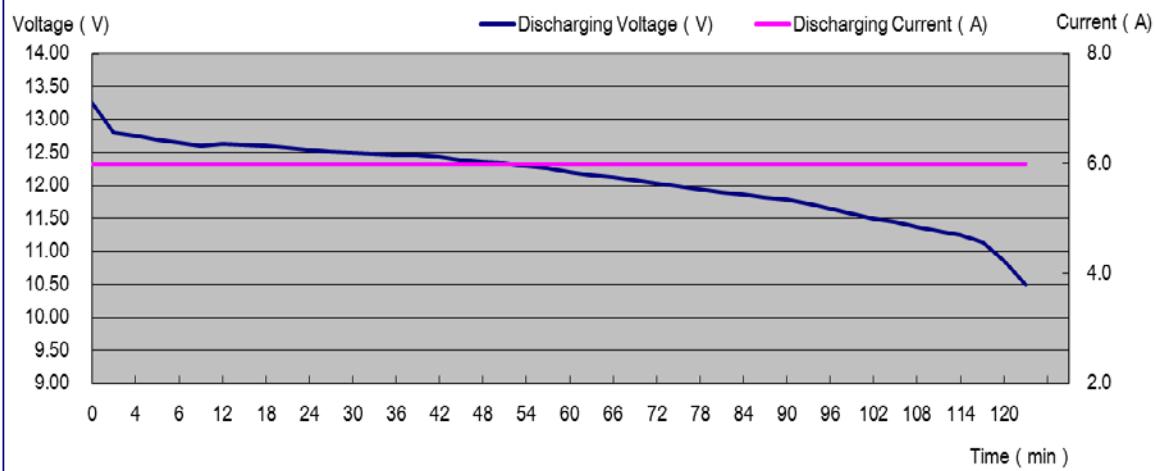
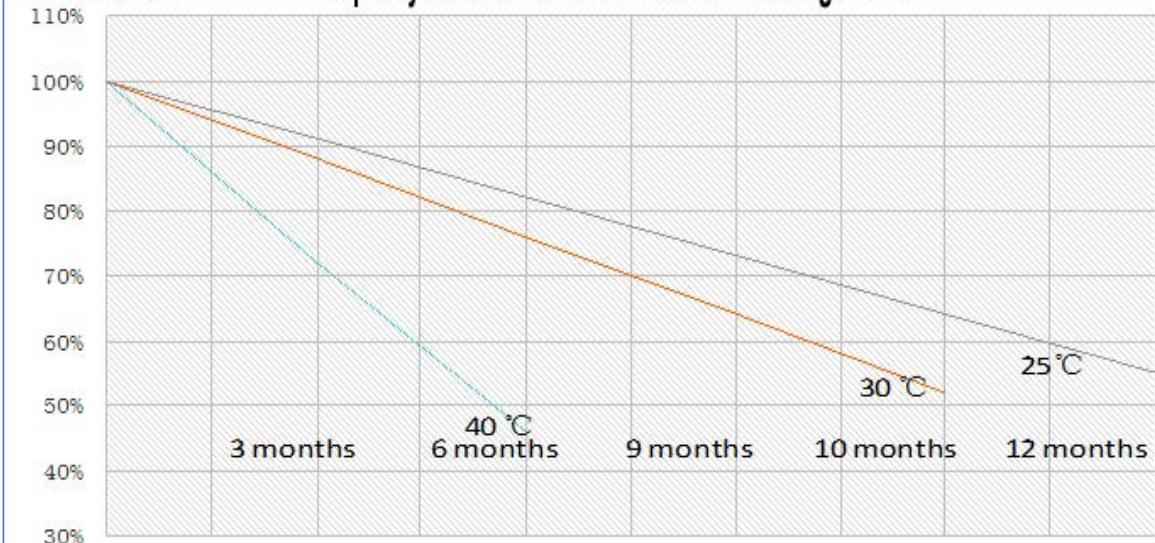


Model No.	LB12V028T		 <p><b>LIBAN</b> <b>LB12V028T</b> Silicon Gel Battery for Electric Vehicle 12V (nominal voltage) 28Ah@20hr(1.80V/cell at 25) Made in China by Liban   www.libanbattery.com</p> <p>Recycling symbol, Pb symbol, and various safety icons (no open flame, no water, etc.).</p>							
Ref Model No. per Chinese Battery Standard	6-DZM-23									
Applications	Electric Motorcycle , etc..									
Battery Type	Deep Cycle, VRLA, GEL									
Terminal Type	Plate or Pole Head									
Battery Container Material	ABS Engineering Material									
Nominal Voltage	12V									
Open Circuit Voltage	13.1-13.45V									
Weight	7.2kgs ( $\pm 0.1$ )									
Nominal Capacity	2hr rate		23Ah							
	20hr rate		28Ah							
Dimensions(mm)	Length( $\pm 2$ )		181							
	Width( $\pm 2$ )		77							
	Height( $\pm 2$ )		173							
	Total Height( $\pm 2$ )		173							
Life cycles	@ 100%DOD		400 cycles							
	@ 90% DOD		500 cycles							
	@ 80% DOD		600 cycles							
	@ 40%DOD		1500 cycles							
Charging Instruction	Battery Bank Voltage		36V	48V	60V	72V				
	Max Charge Voltage		44.2 $\pm 0.3$	59.0 $\pm 0.3$	73.7 $\pm 0.3$	88.5 $\pm 0.3$				
	Float Charge Voltage		41.2 $\pm 0.3$	55.0 $\pm 0.3$	68.7 $\pm 0.3$	82.5 $\pm 0.3$				
	Shifting current		0.55-0.60A	0.55-0.60A	0.55-0.60A	0.55-0.60A				
	Max Charge Current		5A	5A	5A	5A				
	Temperature compensation coefficient (mV/ $^{\circ}$ C/Cell)		-54mv/ $^{\circ}$ C	-72mv/ $^{\circ}$ C	-90mv/ $^{\circ}$ C	-108mv/ $^{\circ}$ C				
Controller Setting Parameter	Undervoltage Protection	10.5 / battery	Electric Motor Parameter		Running Current	<11.0A				
	Overcurrent Protection	25A			Motor Power	<550W				

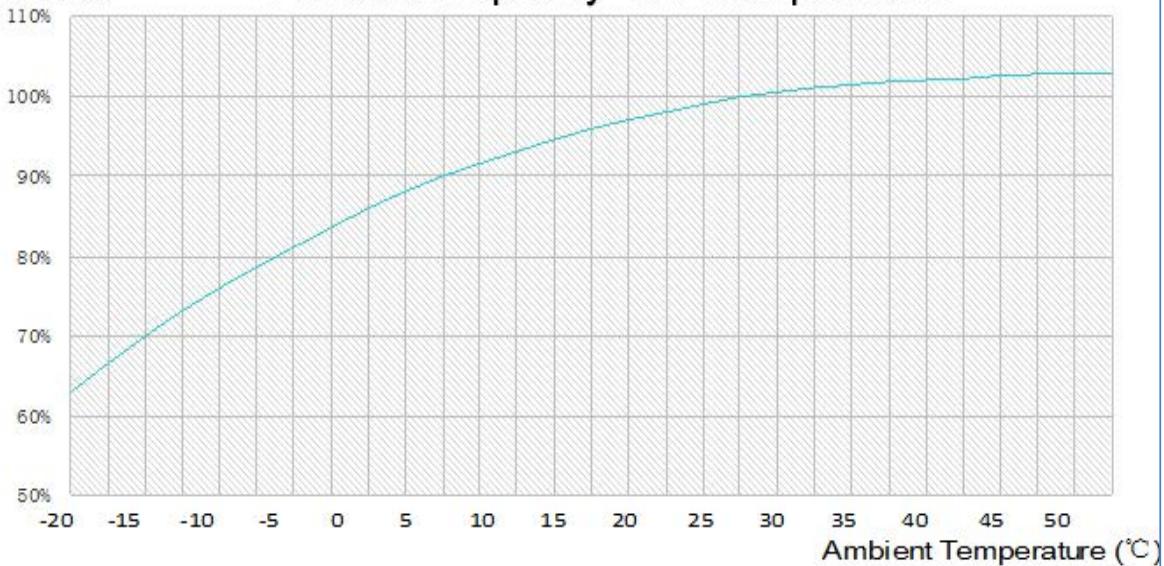
### Discharging Curve (2C)



### Capacity Retention Characteristics VS Storage Time



### Percent Capacity VS. Temperature



## Charging Curve (4pcs/group)

