


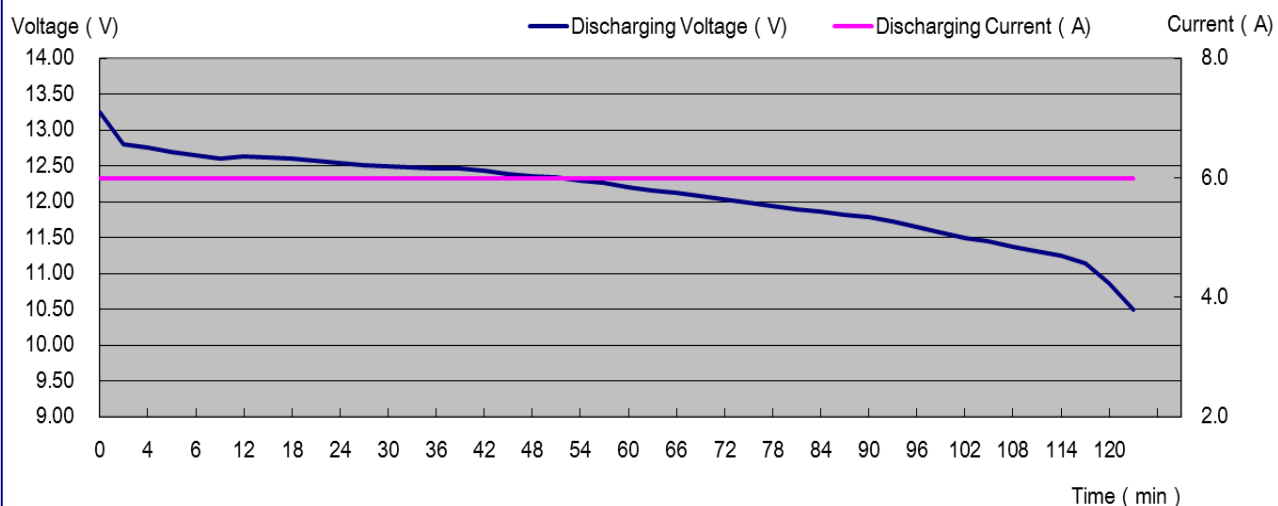
SUZHOU LEXSONG ELECTROMECHANICAL EQUIPMENT CO., LTD.

Room 536 Ori Mansion, No.328 XingHu Street, Suzhou Industrial Park, China

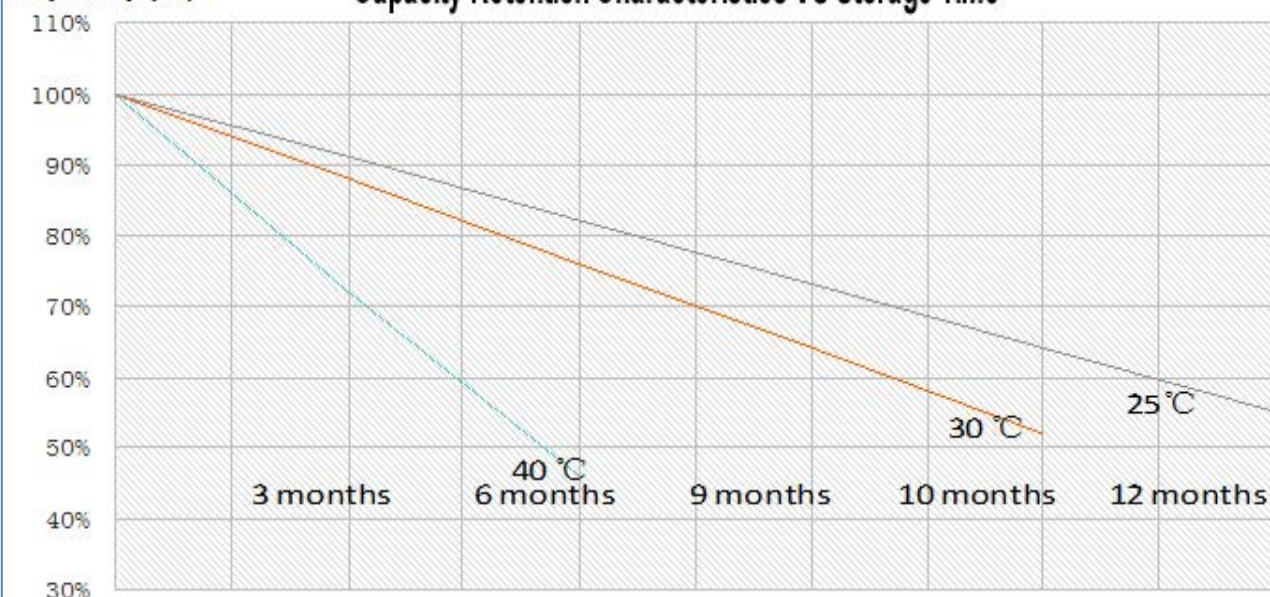
Tel: +86 137 7167 0476 Email:sales@lexsong-ev.com

Model No.	LB12V016					
Ref Model No. per Chinese Battery Standard	6-DZM-12					
Applications	E-bike, E-Scooter, E-Wheelchair, etc.					
Battery Type	Deep Cycle, VRLA, GEL					
Terminal Type	Plate Head					
Battery Container Material	ABS Engineering Material					
Nominal Voltage	12V					
Open Circuit Voltage	13.1-13.45V					
Weight	4.3kgs (±0.1)					
Nominal Capacity	2hr rate	12Ah				
	3hr rate	12.9Ah				
	5hr rate	13.3Ah				
	20hr rate	16Ah				
Dimensions(mm)	Length(±2)	151				
	Width(±2)	99				
	Height(±2)	99				
	Total Height(±2)	105				
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±0.3	59.0±0.3	73.7±0.3	88.5±0.3	
	Float Charge Voltage	41.2±0.3	55.0±0.3	68.7±0.3	82.5±0.3	
	Shifting current	0.4-0.45A	0.4-0.45A	0.4-0.45A	0.4-0.45A	
	Max Charge Current	3A	3A	3A	3A	
	Temperature compensation coefficient (mV/°C/Cell)	-54mv/°C	-72mv/°C	-90mv/°C	-108mv/°C	
Controller Setting Parameter	Undervoltage Protection	10.5 / battery	Electric Motor Parameter		Running Current	<7.0A
	Overcurrent Protection	15A			Motor Power	<300W

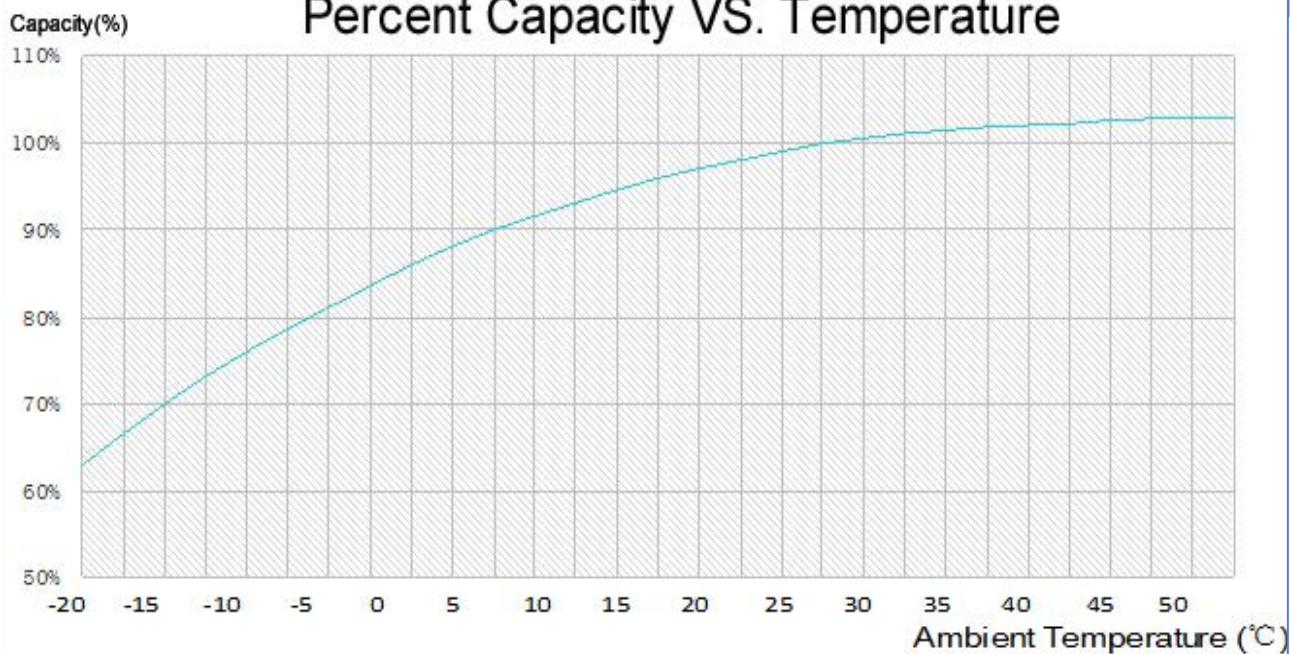
Discharging Curve (2C)



Capacity Retention Characteristics VS Storage Time



Percent Capacity VS. Temperature



Charging Curve (4pcs/group)

