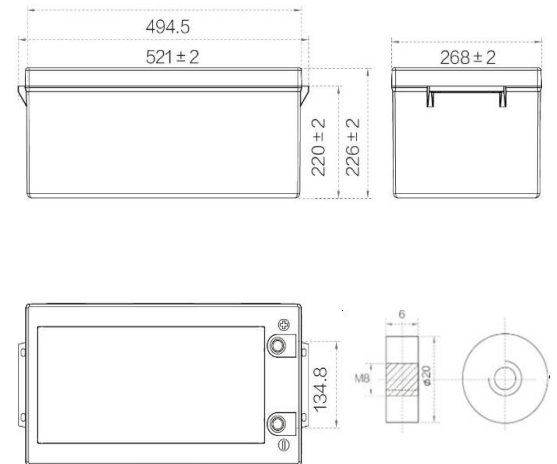


Specifications

Nominal Voltage	12V	
Nominal Capacity(10hr)	250AH	
Dimension	Length	520±2mm(20.47inch)
	Width	269±2mm(10.6inch)
	Height	220±2mm(8.66inch)
	Total Height	224±2mm(8.82inch)
Approx Weight	Approx. 69kg(+ -3%)	
Terminal Type	M8	
container Material	ABS(UL-94HB)	
Internal Resistance	Approx.2.5mΩ	
Rated Capacity	260.0AH	(20hr, 1.75V/cell,25°C/77°F)
	250.0AH	(10hr, 1.75V/cell,25°C/77°F)
	213.0AH	(5hr, 1.75V/cell,25°C/77°F)
	188.0AH	(3hr, 1.75V/cell,25°C/77°F)
	138.0AH	(1hr, 1.75V/cell,25°C/77°F)
Max. Discharge Current	2500A(5S)	
Nominal Operating Temp. Range	25±3°C (77±5°F)	
Cycle Use	Charge Current Less Than 0.25CA	
	14.1V~14.7V@25°C(77°F)Temp. Coefficient -30mV/°C	
Floating Use	13.5V~13.8V@25°C(77°F)Temp. Coefficient -20mV/°C	
	40°C	103%
Capacity affected by Temperature	25°C	100%
	0°C	86%
	-15°C	65%
	3 month	Remaining capacity: 91%
Self-discharge	6 month	Remaining capacity:82%
	12month	Remaining capacity:65%



Dimensions



Terminal M8

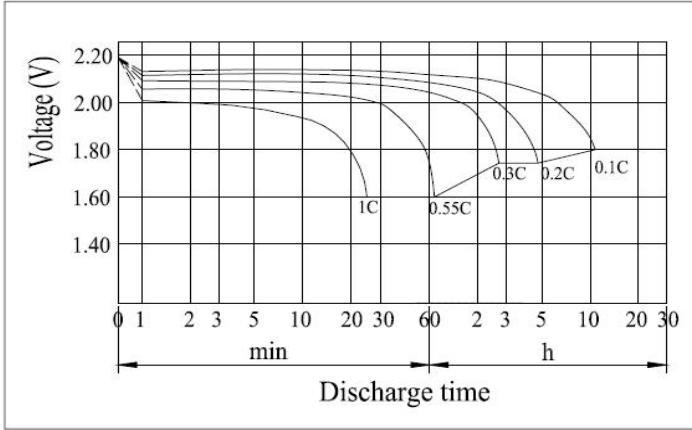
Constant Power Discharge at 25°C(77°F)

F.V/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	6h	10h	20h
1.80V/cell	1502	1022	777	426	269	163	127	99	84.3	75.5	48.0	25.1
1.75V/cell	1515	1030	788	429	271	164	128	100	85.0	76.1	48.8	25.2
1.70V/cell	1553	1056	796	440	271	165	129	101	86.0	76.3	48.9	25.4
1.67V/cell	1591	1082	811	443	276	166	130	101	87.1	76.8	49.0	25.4
1.60V/cell	1661	1130	832	451	281	168	132	102	87.8	77.4	49.1	25.5

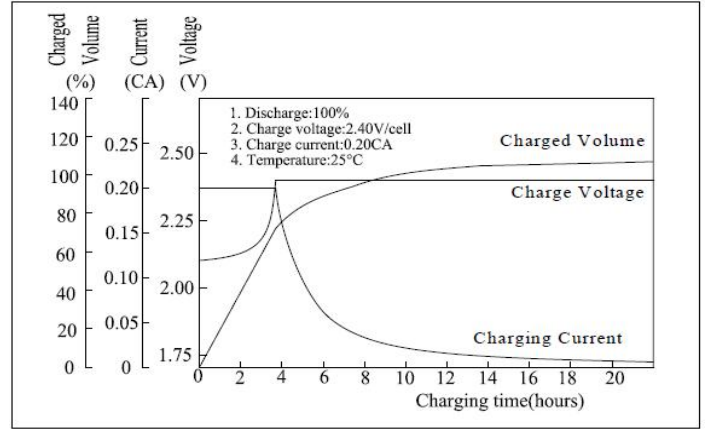
Constant Current Discharge at 25°C(77°F)

F.V/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	6h	10h	20h
1.80V/cell	770	524	399	218	138	83.4	64.9	51.0	43.2	38.7	24.6	12.9
1.75V/cell	777	528	404	220	139	84.1	65.4	51.5	43.6	39.0	25.0	12.9
1.70V/cell	796	542	408	226	139	84.5	66.1	51.7	44.1	39.1	25.1	13.0
1.67V/cell	816	555	416	227	142	85.4	66.7	52.0	44.7	39.4	25.1	13.1
1.60V/cell	852	580	427	231	144	86.0	67.8	52.4	45.0	39.7	25.2	13.1

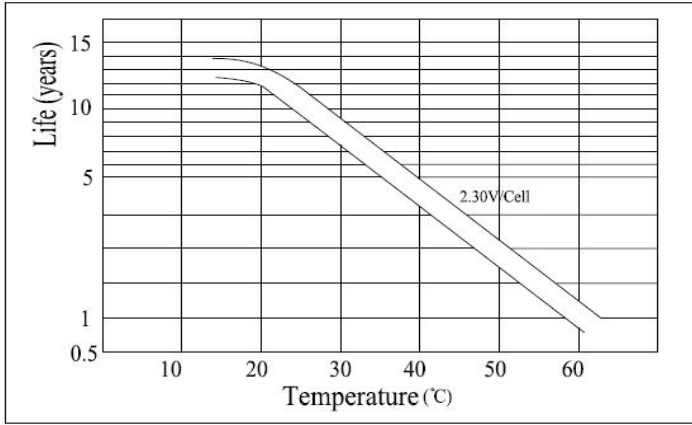
Discharge Characteristics



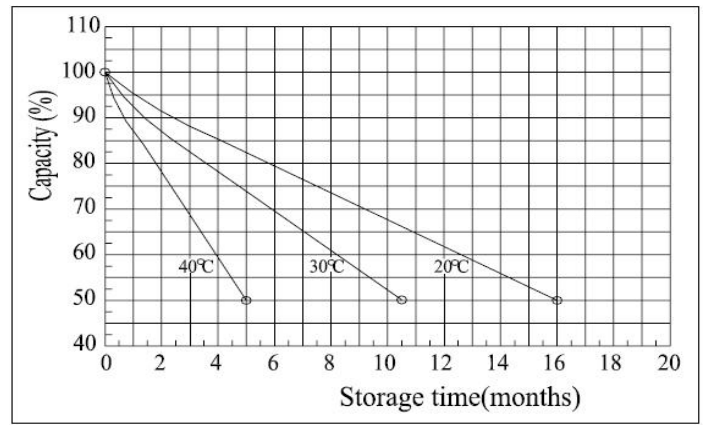
Float Charging Characteristics



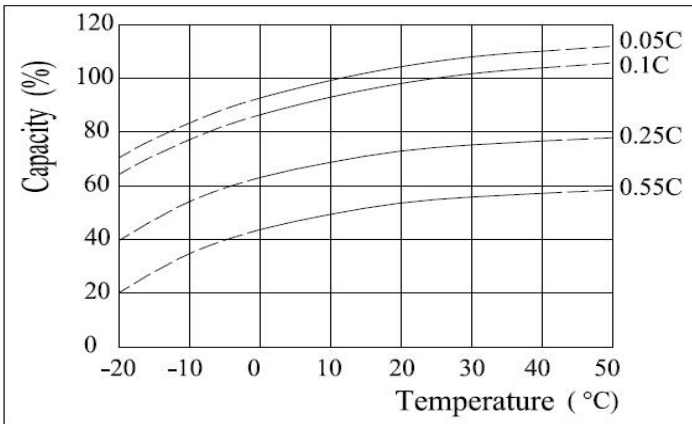
Floating Life on Temperature



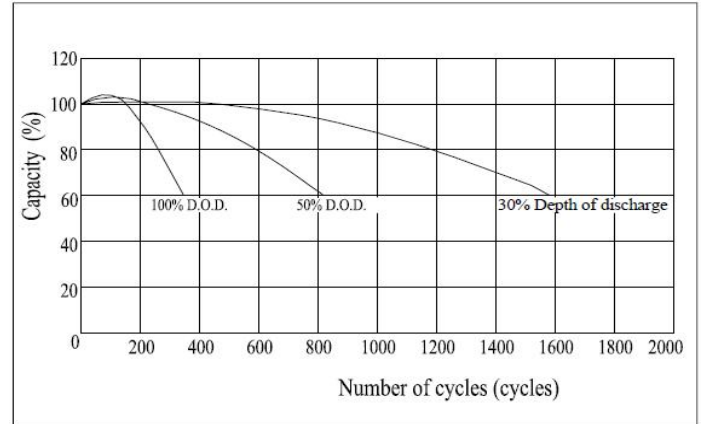
Self Discharge Characteristics (25°C(77°F))



Temperature Effects in Relation to Battery Capacity



Cycle Life Relation to Depth of Discharge



Quanzhou Singlang Electric Technology Co., Ltd

www.xnb-battery.com

