

Specifications

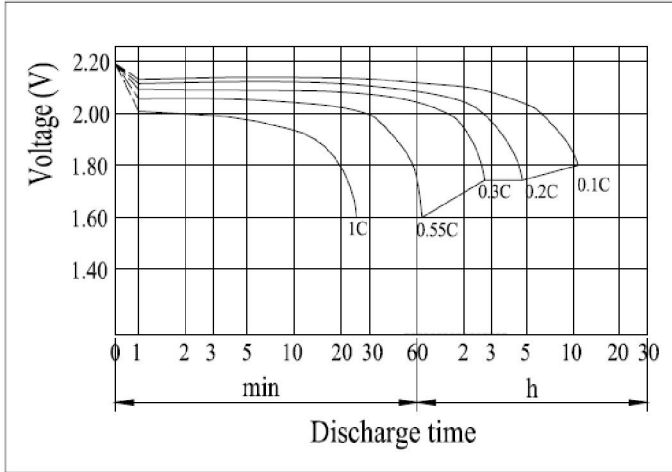
Nominal Voltage	12V	
Nominal Capacity(10hr)	200AH	
Dimension	Length	523±2mm(20.59inch)
	Width	240±2mm(9.45inch)
	Height	219±2mm(8.62inch)
	Total Height	223±2mm(8.78inch)
Approx Weight	Approx. 58kg	
Terminal Type	B5	
container Material	ABS(UL-94HB)	
Internal Resistance	Approx.2.7mΩ	
Rated Capacity	210AH	(20hr, 1.80V/cell,25°C/77°F)
	200AH	(10hr, 1.80V/cell,25°C/77°F)
	175AH	(5hr, 1.75V/cell,25°C/77°F)
	157.8AH	(3hr, 1.75V/cell,25°C/77°F)
	119AH	(1hr, 1.60V/cell,25°C/77°F)
Max. Discharge Current	2000A(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	No limit on Initial Charging Current Voltage	
	13.5V~13.8V@25°C(77°F)Temp. Coefficient -20mV/°C	
Capacity affected by Temperature	40°C	103%
	25°C	100%
	0°C	86%
	-15°C	65%
Self-discharge	3 month	Remaining capacity: 91%
	6 month	Remaining capacity:82%
	12month	Remaining capacity:65%



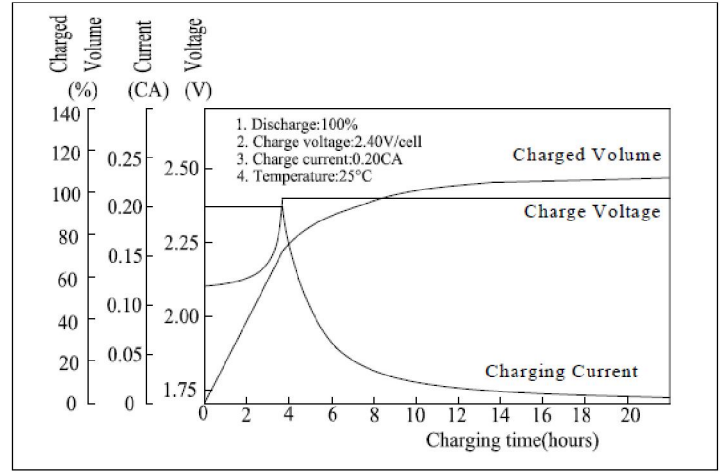
Constant Power Discharge at 25°C(77°F)												
F.V/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	6h	10h	20h
1.80V/cell	1208	822	563.00	342.10	209.60	130.82	101.71	79.99	67.80	45.30	39.00	20.42
1.75V/cell	1218	829	567.00	345.00	211.40	131.93	102.57	80.67	68.38	45.68	39.59	20.73
1.70V/cell	1248	849	582.00	353.60	216.70	135.23	105.13	82.69	70.09	46.83	40.17	21.03
1.67V/cell	1279	870	596.00	362.30	222.00	138.53	107.70	84.70	71.80	47.97	40.76	21.34
1.60V/cell	1336	909	622.00	378.40	231.80	144.69	112.49	88.48	74.99	50.10	41.34	21.64

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	619.4	421.30	288.50	175.44	107.50	67.09	52.16	41.02	34.77	23.23	20.00	10.47
1.75V/cell	624.6	424.90	290.90	176.93	108.41	67.66	52.60	41.37	35.07	23.43	20.30	10.63
1.70V/cell	640.2	435.50	298.20	181.35	111.12	69.35	53.91	42.40	35.94	24.01	20.60	10.79
1.67V/cell	655.8	446.20	305.50	185.78	113.83	71.04	55.23	43.44	36.92	24.60	20.90	10.94
1.60V/cell	685	466.00	319.10	194.05	118.90	74.20	57.69	45.37	38.46	25.69	21.20	11.10

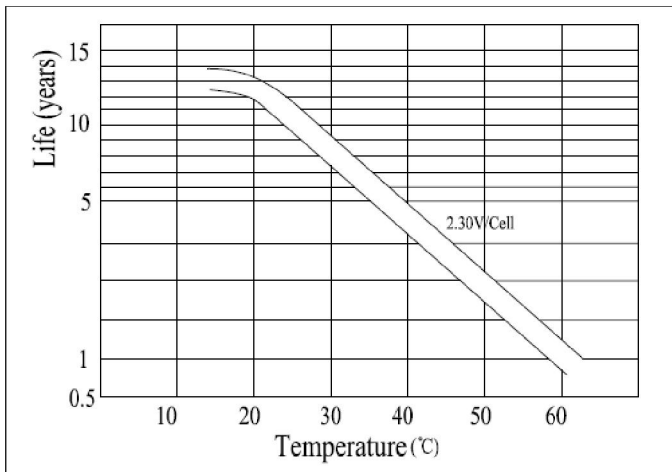
Discharge Characteristics



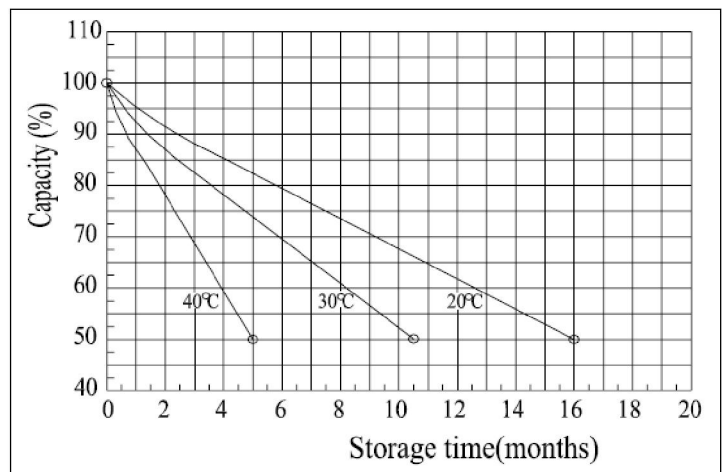
Float Charging Characteristics



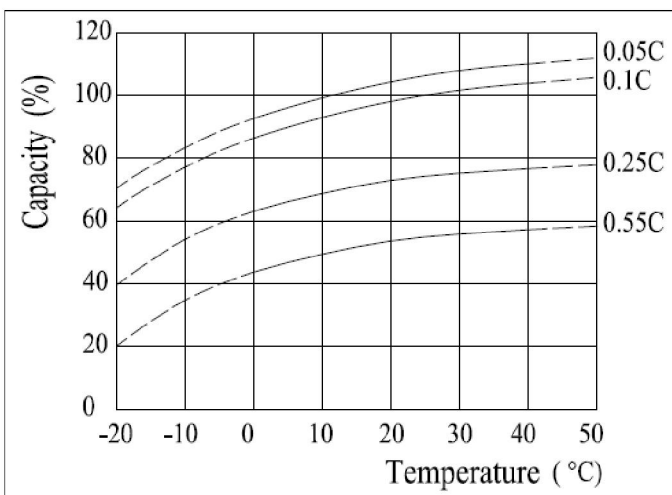
Floating Life on Temperature



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



Temperature Effects in Relation to Battery Capacity



Cycle Life Relation to Depth of Discharge

