

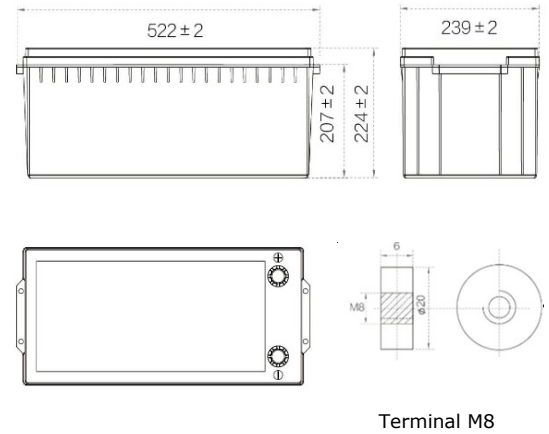
STANDBY SERIES SP12-200(12V200AH/10HR)

Specifications

Nominal Voltage	12V	
Nominal Capacity(10hr)	200AH	
Dimension	Length	522±2mm(20.55inch)
	Width	239±2mm(9.41inch)
	Height	207±2mm(8.15inch)
	Total Height	224±2mm(8.82inch)
Approx Weight	Approx. 58.0kg(+/-4%)	
Terminal Type	M8	
container Material	ABS(UL-94HB)	
Internal Resistance	Approx.3.0mΩ	
Rated Capacity	204.0AH	(20hr, 1.75V/cell,25°C/77°F)
	200.0AH	(10hr, 1.75V/cell,25°C/77°F)
	190.0AH	(5hr, 1.75V/cell,25°C/77°F)
	168.0AH	(3hr, 1.75V/cell,25°C/77°F)
	118.0AH	(1hr, 1.75V/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	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%



Dimensions



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

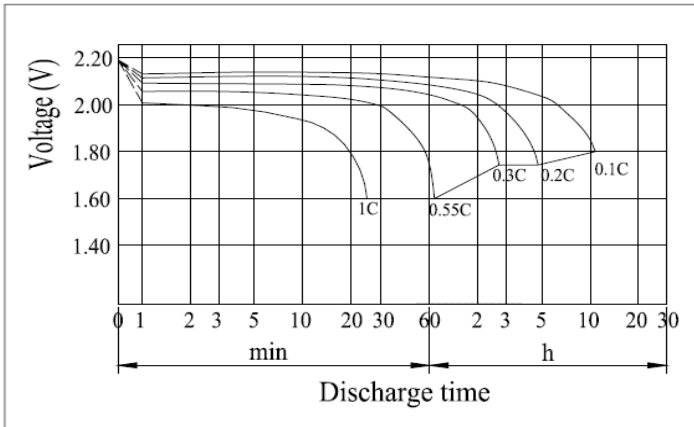
F.V/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	6h	10h	20h
1.80V/cell	786	660	652	402	215	143	105	80,9	69,6	59,7	20,2	20,6
1.75V/cell	870	746	675	413	233	146	107	82,8	70,8	60,8	20,3	20,7
1.70V/cell	958	795	710	420	245	149	109	83,9	71,8	61,8	20,4	21,2
1.67V/cell	975	850	715	432	250	151	111	86,0	72,0	62,5	20,5	21,4
1.60V/cell	999	870	720	445	253	155	112	88,1	72,3	63,0	20,6	21,5

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

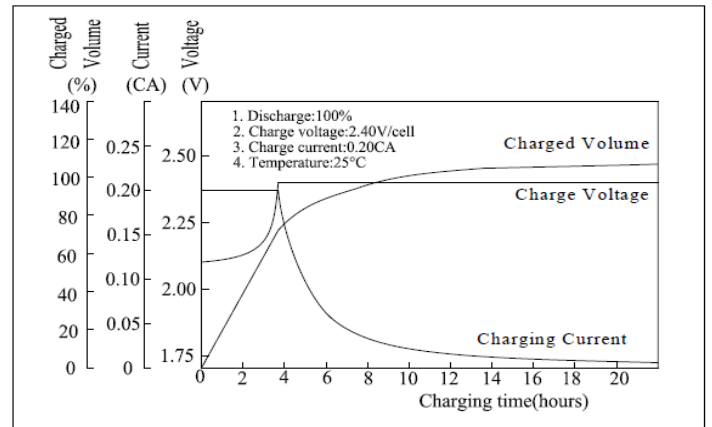
F.V/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	6h	10h	20h
1.80V/cell	510	430	339	211	119	80,9	58,4	44,7	36,4	29,0	10,0	10,1
1.75V/cell	559	435	348	220	121	82,9	58,9	45,5	38,0	29,3	10,0	10,2
1.70V/cell	580	442	360	223	126	84,9	59,8	46,6	38,7	29,8	10,0	10,2
1.67V/cell	647	469	365	228	131	86,9	60,1	47,1	39,5	30,0	10,1	10,2
1.60V/cell	654	474	370	232	136	88,9	60,7	47,9	40,3	31,2	10,1	10,2

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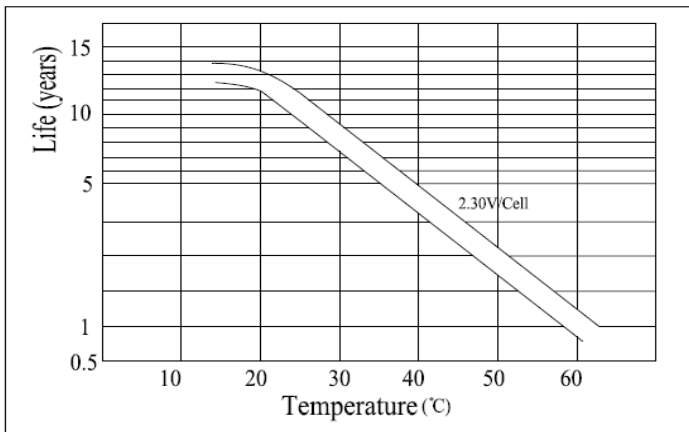
Discharge Characteristics



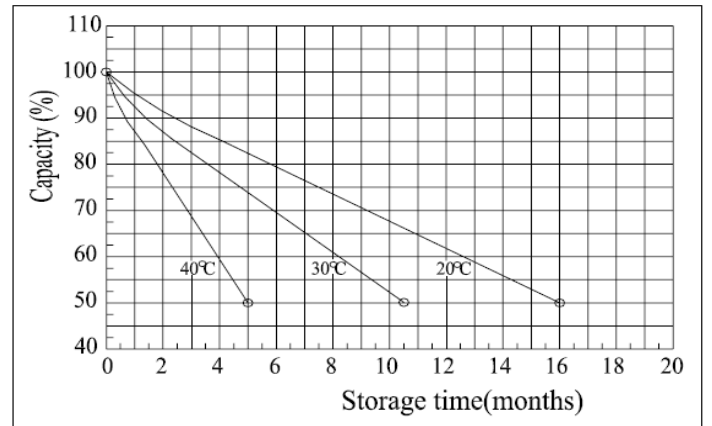
Float Charging Characteristics



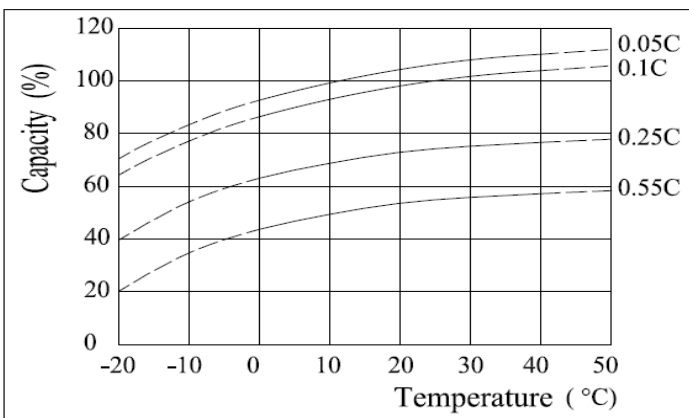
Floating Life on Temperature



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



Temperature Effects in Relation to Battery Capacity



Cycle Life Relation to Depth of Discharge

