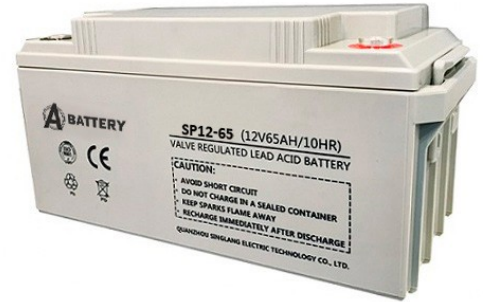


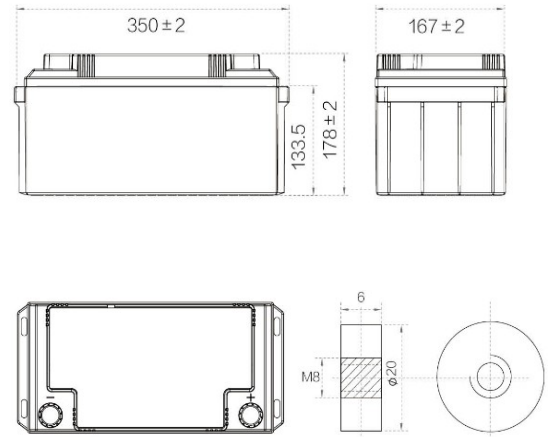
STANDBY SERIES SP12-65(12V65AH/10HR)

Specifications

Nominal Voltage	12V	
Nominal Capacity(10hr)	65AH	
Dimension	Length	350±2mm(13.78inch)
	Width	167±2mm(6.57inch)
	Height	174±2mm(6.85inch)
	Total Height	174±2mm(6.85inch)
Approx Weight	Approx. 20.0kg(+ -4%)	
Terminal Type	B5	
container Material	ABS(UL-94HB)	
Internal Resistance	Approx.6.0mΩ	
Rated Capacity	68.0AH	(20hr, 1.75V/cell,25°C/77°F)
	65.0AH	(10hr, 1.75V/cell,25°C/77°F)
	55.0AH	(5hr, 1.75V/cell,25°C/77°F)
	50.0AH	(3hr, 1.75V/cell,25°C/77°F)
	30.0AH	(1hr, 1.75V/cell,25°C/77°F)
Max. Discharge Current	500A(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

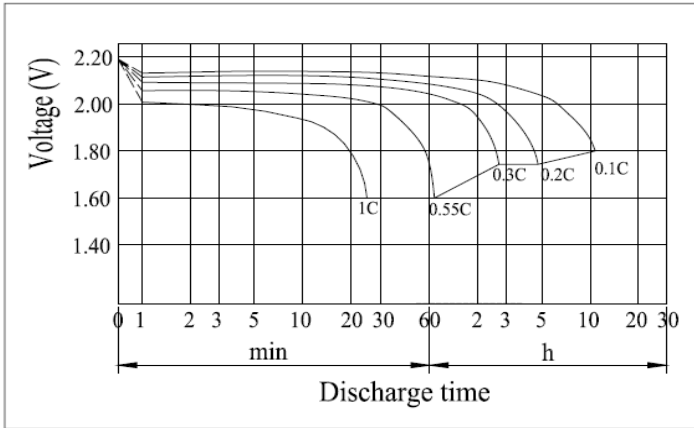


Constant Power Discharge at 25°C(77°F)												
F.V/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	6h	10h	20h
1.80V/cell	231	193	160	115	78,3	43,6	31,8	25,6	20,5	18,7	12,7	7,08
1.75V/cell	262	216	171	119	79,8	45,8	32,5	25,9	21,0	18,9	12,8	7,12
1.70V/cell	292	233	184	122	81,5	47,3	33,0	26,3	21,2	19,0	12,9	7,14
1.67V/cell	312	239	188	124	83,2	48,6	33,3	26,4	21,4	19,2	12,9	7,16
1.60V/cell	317	242	190	125	84,3	48,8	33,8	26,6	22,1	19,4	13,0	7,16

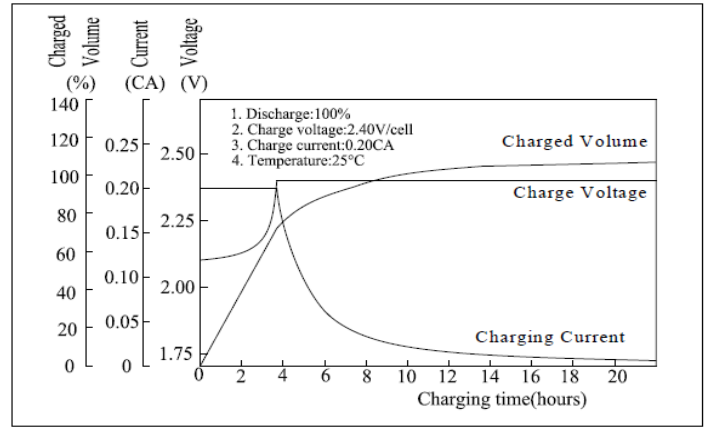
Constant Current Discharge at 25°C(77°F)												
F.V/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	6h	10h	20h
1.80V/cell	168	136	104,1	62,6	39,6	21,3	15,9	12,7	10,5	9,41	6,50	3,37
1.75V/cell	169	137	105,7	63,6	40,3	21,9	16,0	13,0	10,7	9,44	6,52	3,39
1.70V/cell	172	138	107,2	64,6	40,8	22,4	16,3	13,2	10,9	9,53	6,52	3,40
1.67V/cell	184	139	109,3	65,6	41,3	23,0	16,5	13,2	11,1	9,68	6,52	3,40
1.60V/cell	196	140	110,4	66,6	42,8	23,5	17,0	13,7	11,2	9,74	6,53	3,41

STANDBY SERIES SP12-65(12V65AH/10HR)

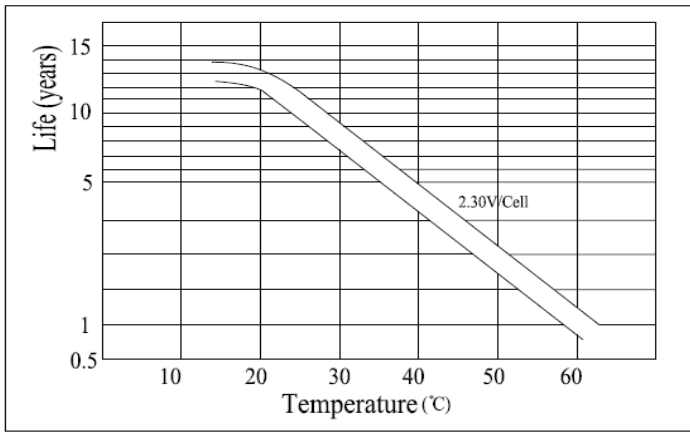
Discharge Characteristics



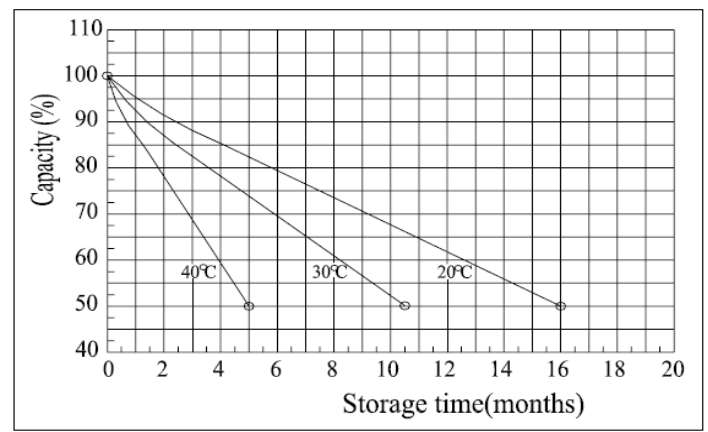
Float Charging Characteristics



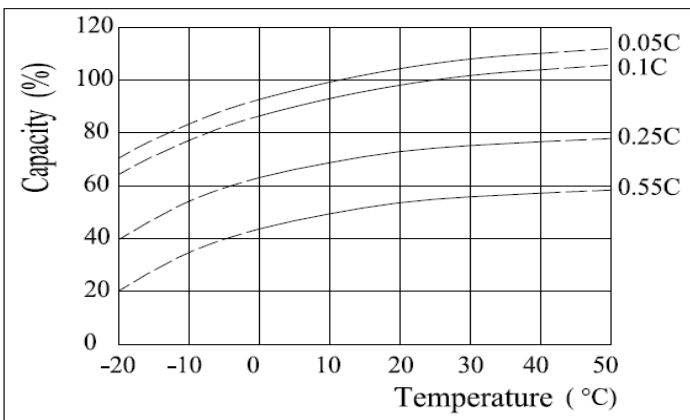
Floating Life on Temperature



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



Temperature Effects in Relation to Battery Capacity



Cycle Life Relation to Depth of Discharge

