

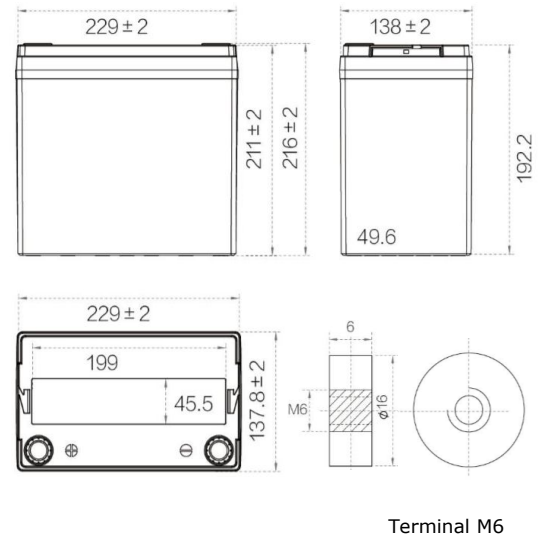
## STANDBY SERIES SPG-12-215W(12V55AH/10HR)

### Specifications

Nominal Voltage	12V	
Nominal Capacity(10hr)	55Ah	
Dimension	Length	230±2mm(9.06inch)
	Width	137±2mm(5.39inch)
	Height	210±2mm(8.27inch)
	Total Height	215±2mm(8.46inch)
Approx Weight	Approx. 17.2 kg(+/-4%)	
Terminal Type	M6	
container Material	ABS(UL-94HB)	
Internal Resistance	Approx. 6 mΩ	
Rated Capacity	60.0AH	(20hr, 1.70 V/cell,25°C/77°F)
	55.0AH	(10hr, 1.75 V/cell,25°C/77°F)
	50.0AH	(5hr, 1.75V/cell,25°C/77°F)
	48.0AH	(3hr, 1.70 V/cell,25°C/77°F)
	35.5AH	(1hr, 1.60V/cell,25°C/77°F)
Max. Discharge Current	550 A(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%



### Dimensions



Terminal M6

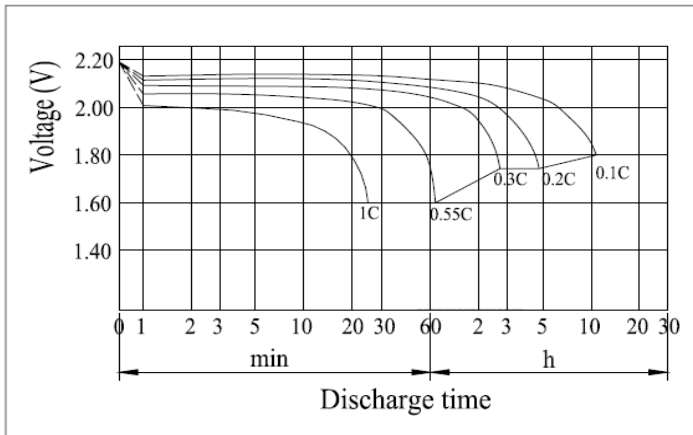
### Constant Power Discharge at 25°C(77°F)

F.V/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	6h	10h	20h
1.80V/cell	411	260	195	116	63.8	38.9	31.8	24.9	20.1	17.3	11.3	5.7
1.75V/cell	419	265	201	123	67.0	41.0	32.0	25.4	20.3	17.7	11.4	5.8
1.70V/cell	441	271	212	128	70.2	43.1	32.3	25.8	20.5	18.2	11.5	5.9
1.65V/cell	453	284	226	132	73.4	45.3	32.6	26.2	20.9	18.6	11.6	6.0
1.60V/cell	455	304	233	136	76.6	47.4	32.7	26.6	21.3	19.0	11.7	6.1

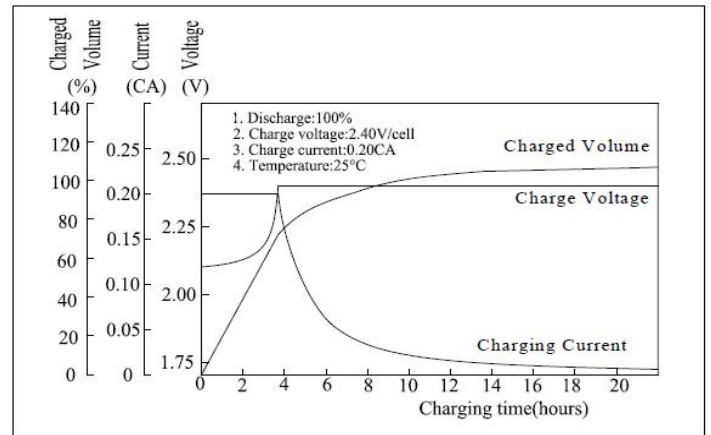
### Constant Current Discharge at 25°C(77°F)

F.V/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	6h	10h	20h
1.80V/cell	214	135	102	49.9	32.2	20.3	15.7	13.0	10.5	9.02	5.87	2.99
1.75V/cell	218	138	105	53.8	33.8	21.4	15.8	13.2	10.6	9.24	5.92	3.04
1.70V/cell	230	141	108	57.7	35.5	22.5	16.0	13.4	10.7	9.46	5.98	3.10
1.65V/cell	236	148	112	61.6	37.2	23.6	16.1	13.6	10.9	9.68	6.03	3.13
1.60V/cell	237	158	116	65.5	38.8	24.7	16.2	13.8	11.1	9.90	6.09	3.15

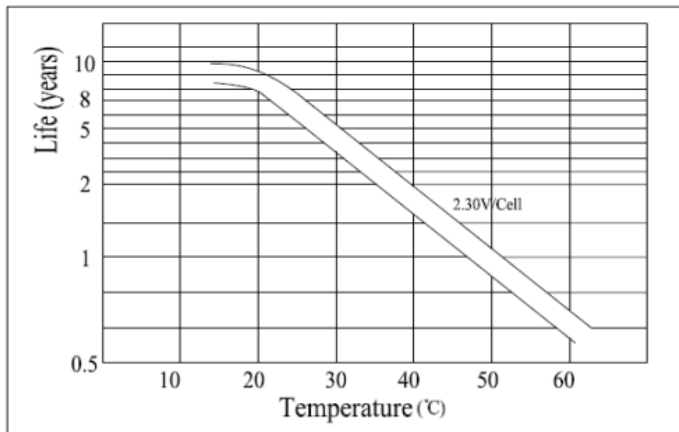
**Discharge Characteristics**



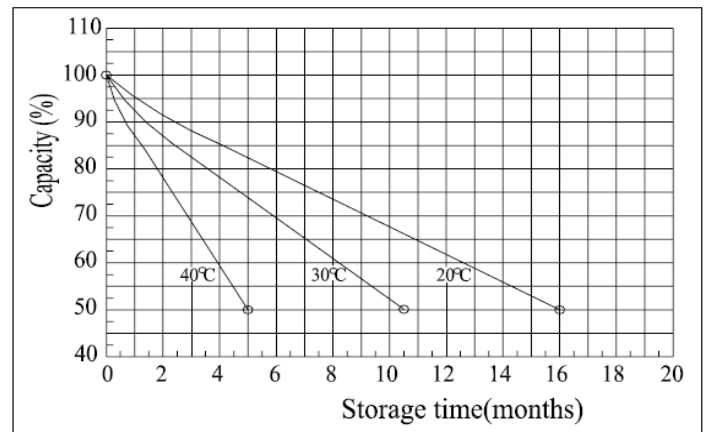
**Float Charging Characteristics**



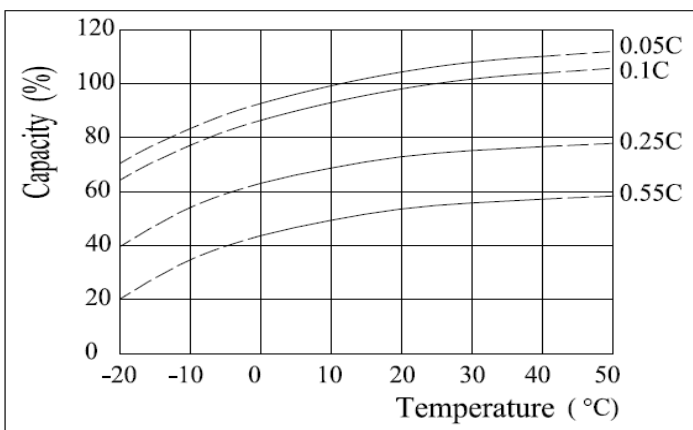
**Floating Life on Temperature**



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



**Temperature Effects in Relation to Battery Capacity**



**Cycle Life Relation to Depth of Discharge**

