

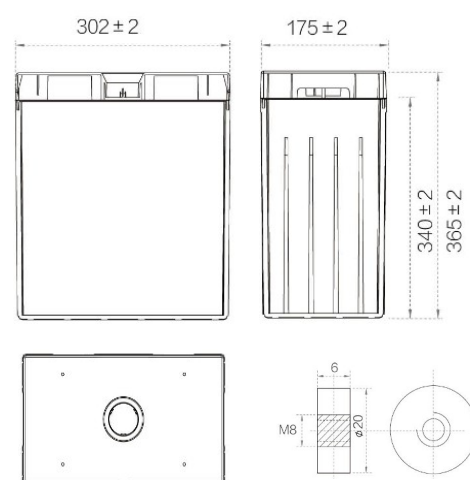
STANDBY SERIES GFM-600C(2V600AH/10HR)

Specifications

Nominal Voltage	2V	
Nominal Capacity(10hr)	600AH	
Dimension	Length	300±2mm(11.81inch)
	Width	175±2mm(6.89inch)
	Height	335±2mm(13.19inch)
	Total Height	365±2mm(14.37inch)
Approx Weight	Approx.38.0kg(+/-4%)	
Terminal Type	M8	
container Material	ABS(UL-94HB)	
Internal Resistance	Approx.0.4mΩ	
Rated Capacity	620AH	(20hr, 1.75V/cell,25°C/77°F)
	600AH	(10hr, 1.75V/cell,25°C/77°F)
	500AH	(5hr, 1.75V/cell,25°C/77°F)
	450AH	(3hr, 1.75V/cell,25°C/77°F)
	330AH	(1hr, 1.75V/cell,25°C/77°F)
Max. Discharge Current	4000A(5S)	
Nominal Operating Temp. Range	25±3°C (77±5°F)	
Cycle Use	Charge Current Less Than 0.25CA 2.35V~2.45@25°C(77°F)Temp. Coefficient -30mV/°C	
Floating Use	No limit on Initial Charging Current Voltage 2.25V~2.30V@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 M8

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

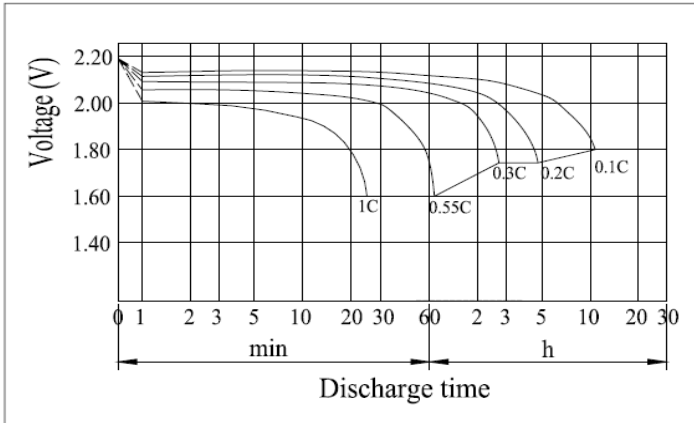
F.V/Time	10min	15min	30min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	1442	1338	985	596	397	285	218	190	160	134	109	59,7
1.80V/cell	1598	1445	1016	613	408	299	231	199	170	140	111	60,3
1.75V/cell	1806	1483	1043	664	416	305	236	202	173	142	112	60,5
1.70V/cell	1925	1579	1061	698	424	311	239	205	176	144	113	62,0
1.67V/cell	2058	1634	1092	712	431	317	245	205	178	145	115	62,5
1.60V/cell	2106	1719	1124	722	442	320	251	206	179	145	116	62,8

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

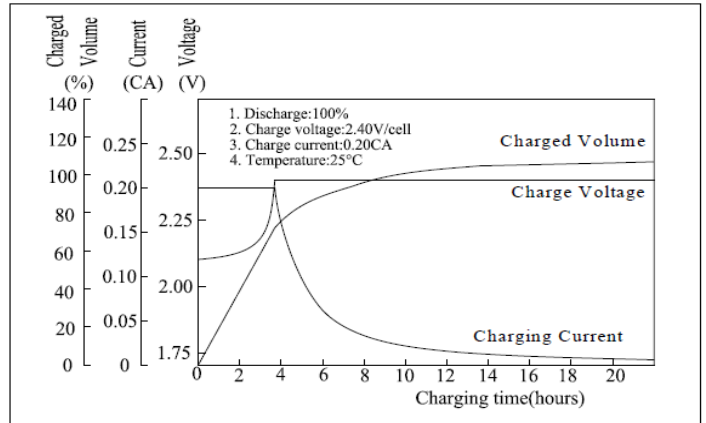
F.V/Time	10min	15min	30min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	851	697	501	286	178	142	115	93	80,6	68,1	58,7	30,6
1.80V/cell	932	742	528	299	186	145	118	95	82,8	69,3	59,2	30,9
1.75V/cell	976	768	546	314	193	148	120	98	85,1	70,5	59,8	31,3
1.70V/cell	1044	789	598	324	201	152	123	100	86,8	71,6	60,4	31,6
1.67V/cell	1095	849	624	334	206	158	128	103	88,8	72,9	61,6	31,9
1.60V/cell	1150	883	647	346	213	163	131	106	90,8	73,4	62,2	32,1

STANDBY SERIES GFM-600C(2V600AH/10HR)

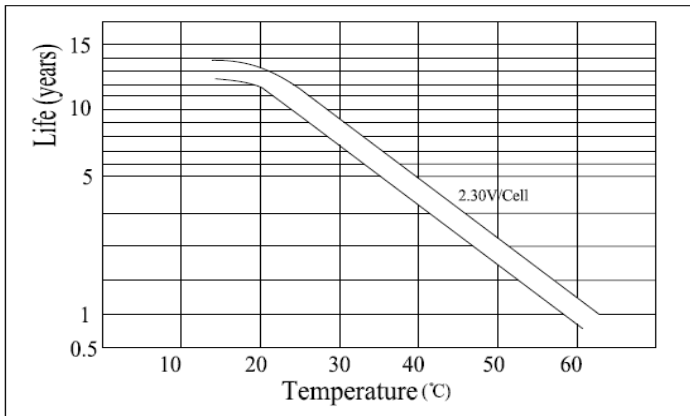
Discharge Characteristics



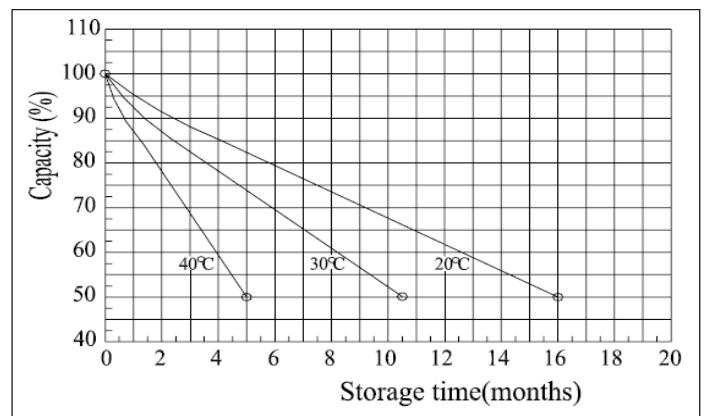
Float Charging Characteristics



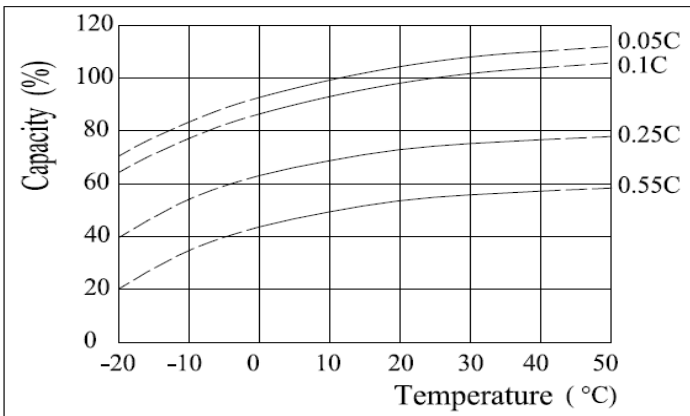
Floating Life on Temperature



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



Temperature Effects in Relation to Battery Capacity



Cycle Life Relation to Depth of Discharge

