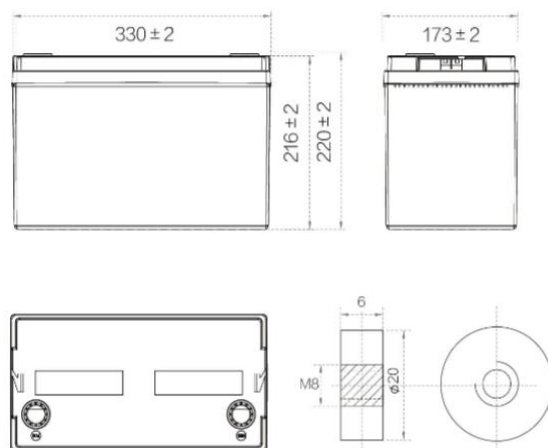


Specifications

Nominal Voltage	12V	
Nominal Capacity(10hr)	100AH	
Dimension	Length	330±2mm(13inch)
	Width	173±2mm(6.81inch)
	Height	216±2mm(8.50inch)
	Total Height	220±2mm(8.66inch)
Approx Weight	Approx. 28.3kg(+/-3%)	
Terminal Type	M8	
container Material	ABS(UL-94HB)	
Internal Resistance	Approx.14mΩ	
Rated Capacity	102.0AH	(20hr, 1.75V/cell,25°C/77°F)
	100.0AH	(10hr, 1.75V/cell,25°C/77°F)
	85.0AH	(5hr, 1.75V/cell,25°C/77°F)
	75.0AH	(3hr, 1.75V/cell,25°C/77°F)
	55.0AH	(1hr, 1.75V/cell,25°C/77°F)
Max. Discharge Current	1200A(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


Terminal M8

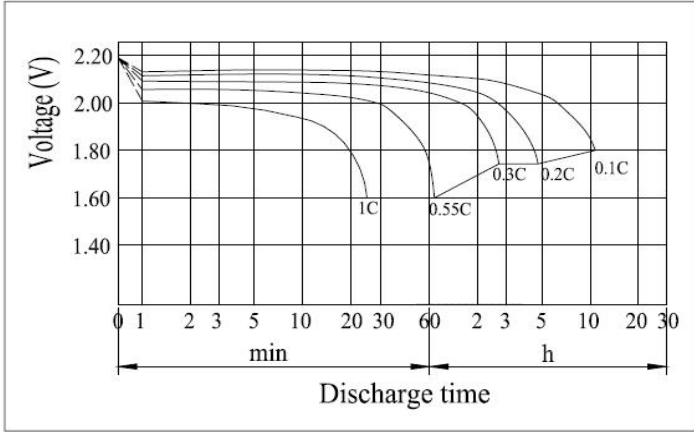
Constant Power Discharge at 25°C(77°F)

F.V/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	6h	10h	20h
1.80V/cell	393	330	326	201	107.5	71.5	52.5	40.5	34.8	29.9	19.4	10.51
1.75V/cell	435	373	338	207	116.5	73.0	53.5	41.4	35.4	30.4	19.6	10.56
1.70V/cell	479	398	355	210	122.5	74.5	54.5	42.0	35.9	30.9	19.8	10.81
1.67V/cell	538	425	358	216	125.0	75.5	55.5	43.0	36.0	31.3	20.0	10.91
1.60V/cell	560	435	360	223	126.5	77.5	56.0	44.1	36.2	31.5	20.3	10.97

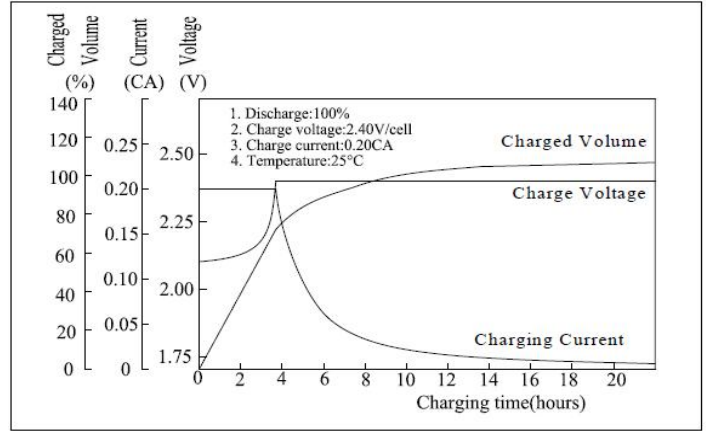
Constant Current Discharge at 25°C(77°F)

F.V/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	6h	10h	20h
1.80V/cell	255	215	170	106	59.6	40.4	29.2	22.4	18.2	14.5	9.72	5.11
1.75V/cell	279	218	174	110	60.7	41.4	29.5	22.8	19.0	14.6	9.79	5.10
1.70V/cell	290	221	180	112	62.9	42.4	29.9	23.3	19.4	14.9	9.85	5.10
1.67V/cell	323	235	183	114	65.4	43.4	30.1	23.6	19.8	15.0	9.99	5.15
1.60V/cell	327	237	185	116	67.9	44.4	30.4	23.9	20.1	15.6	10.12	5.15

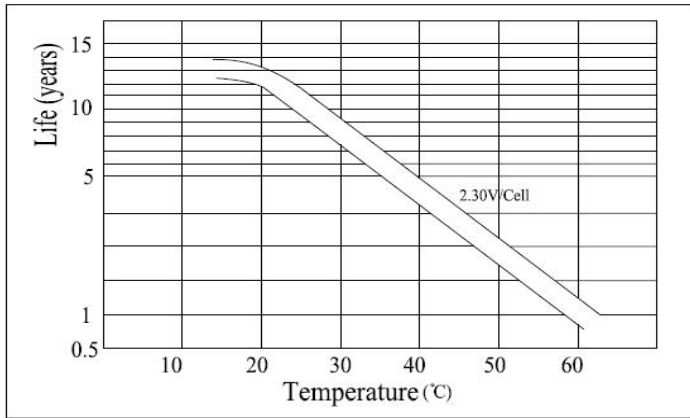
Discharge Characteristics



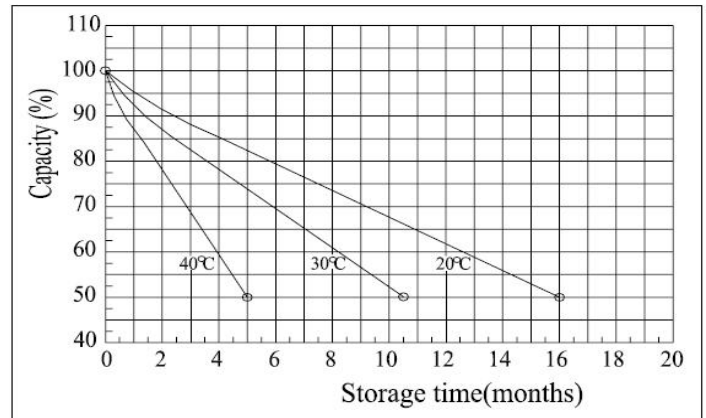
Float Charging Characteristics



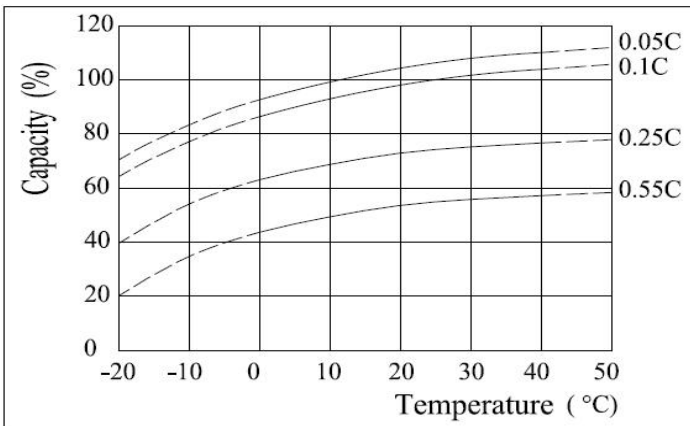
Floating Life on Temperature



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



Temperature Effects in Relation to Battery Capacity



Cycle Life Relation to Depth of Discharge

