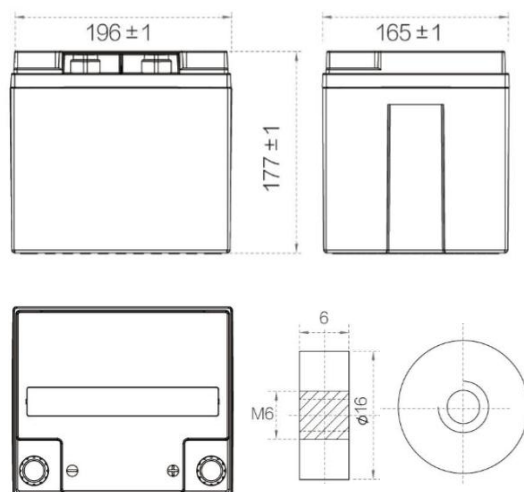


Specifications

Nominal Voltage	12V		
Nominal Capacity(10hr)	38Ah		
Dimension	Length	196±2mm(7.72inch)	
	Width	165±2mm(6.50inch)	
	Height	170±2mm(6.69inch)	
	Total Height	170±2mm(6.69inch)	
Approx Weight	Approx. 12.0kg(+5%)		
Terminal Type	B4		
container Material	ABS(UL-94HB)		
Internal Resistance	Approx. 8 mΩ		
Rated Capacity	38.5Ah	(20hr, V/cell,25°C/77°F)	
	38.0Ah	(10hr, /cell,25°C/77°F)	
	30.0Ah	(5hr, V/cell,25°C/77°F)	
	27.0Ah	(3hr, V/cell,25°C/77°F)	
	21.0Ah	(1hr, V/cell,25°C/77°F)	
Max. Discharge Current	400A(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		
	40°C	103%	
Capacity affected by Temperature	25°C	100%	
	0°C	86%	
	-15°C	65%	
	3 month	Remaining capacity: 91%	
Self-discharge	6 month	Remaining capacity:82%	
	12month	Remaining capacity:65%	


Dimensions


Terminal M6

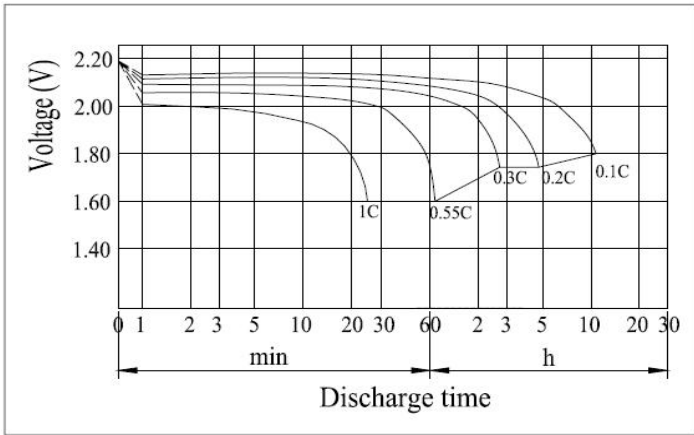
Constant Power Discharge at 25°C(77°F)

F.V/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	6h	10h	20h
1.80V/cell	183	152	123	78.9	43.4	26.9	19.0	15.8	12.4	11.1	6.97	3.76
1.75V/cell	186	158	124	79.5	43.9	27.6	19.4	16.0	12.5	11.2	7.01	3.76
1.70V/cell	199	162	127	81.0	44.2	27.7	19.7	16.2	12.7	11.2	7.03	3.77
1.65V/cell	210	167	131	82.8	44.6	27.9	19.9	16.2	12.9	11.2	7.04	3.77
1.60V/cell	223	170	132	83.7	45.8	28.0	20.4	16.4	12.9	11.4	7.05	3.78

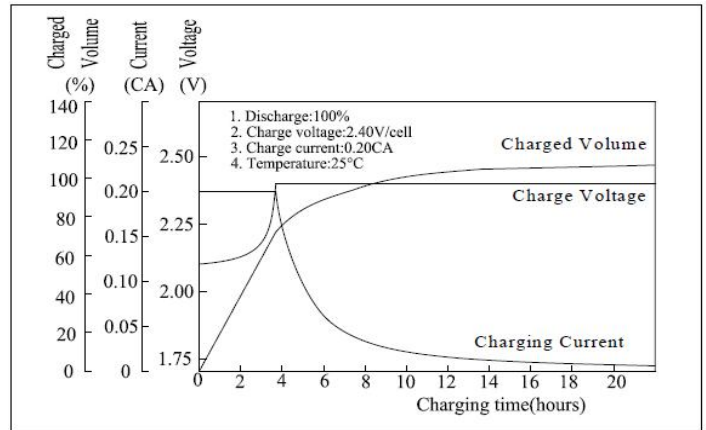
Constant Current Discharge at 25°C(77°F)

F.V/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	6h	10h	20h
1.80V/cell	98.0	86.5	63.3	39.8	21.2	12.3	9.9	7.84	6.37	5.45	3.79	1.92
1.75V/cell	99.4	87.4	63.9	40.1	22.2	12.7	10.0	7.99	6.43	5.46	3.80	1.93
1.70V/cell	106.5	89.3	65.2	40.7	22.9	13.0	10.2	8.15	6.49	5.52	3.80	1.93
1.65V/cell	113.7	90.6	68.3	41.3	23.3	13.3	10.3	8.15	6.55	5.60	3.80	1.93
1.60V/cell	120.8	96.8	71.5	42.3	23.6	13.6	10.7	8.46	6.61	5.64	3.81	1.94

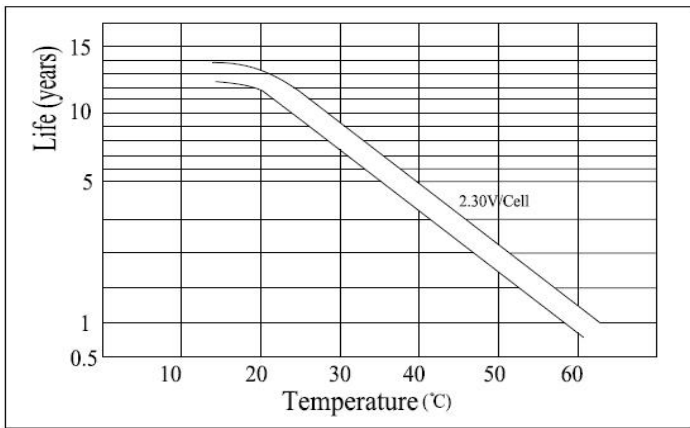
Discharge Characteristics



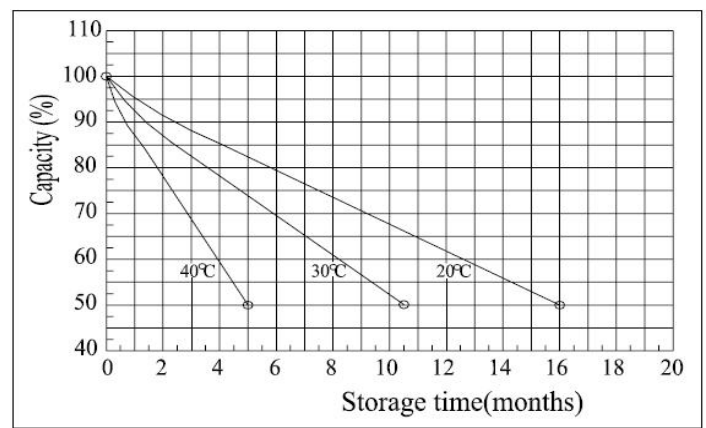
Float Charging Characteristics



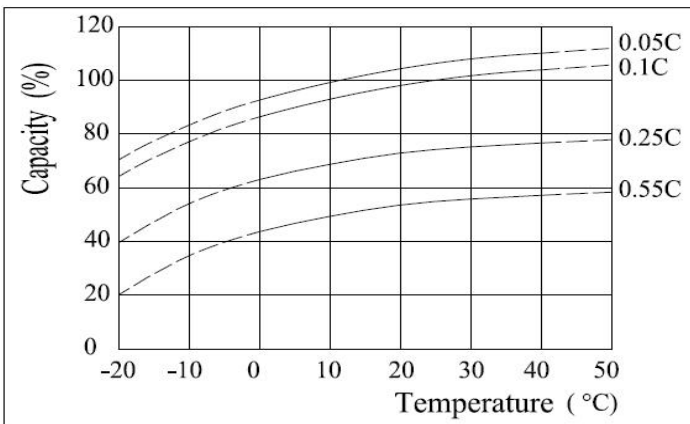
Floating Life on Temperature



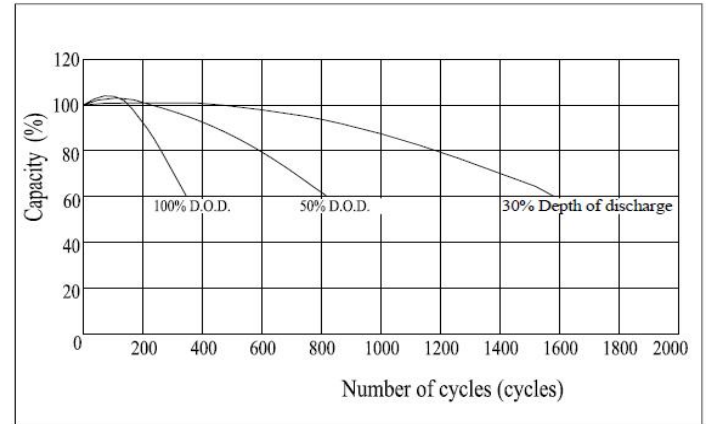
Self Discharge Characteristics (25°C(77°F))



Temperature Effects in Relation to Battery Capacity



Cycle Life Relation to Depth of Discharge



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